

**BAL/ SUGAR/ 169 /2021****Date: 24/12/2021****To,**

**The Additional Director(s),**  
Ministry of Environment and Forest and Climate Change  
Regional Office (WCZ), Ground Floor,  
East Wing, New Secretariat Building,  
Civil Line, Nagpur, Maharashtra- 440001

**Subject:** - Submission of Environmental Clearance compliance Report (July- 2021 to December-2021) for Expansion of sugarcane crushing capacity from 12000 TCD to 18000 TCD and molasses-based distillery from 160 KLPD to Multi-feed (B heavy, cane juice, Grains) based 300 KLPD distillery unit at Shetphalgade, Tehsil- Indapur, District- Pune, Maharashtra, by M/s Baramati Agro Limited (Unit-1)

**Reference: -**

1. Environment Clearance from MoEF&CC Vide File. No. IA-J-11011/106/2016-IA-II(I) dated. 26<sup>th</sup> August 2021
2. Environment Clearance from MoEF&CC Vide File. No. J-11011/106/2016-IA-II (I) dated 20<sup>th</sup> March 2017


Respected Sir,

With reference to the above subject, we are submitting the current Status of our project, monitoring reports, data sheet and point wise compliance status to various stipulation laid down by the Ministry of Environment and Forest in its clearance letter No. File. No. IA-J-11011/106/2016-IA-II(I) Dated- 26<sup>th</sup> August 2021 along with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely,

**For Baramati Argo Limited (Unit-1)**  
**Prakash Jathar**  
**COO****Encl.:**

- Part A: Data Sheet  
Part B: Current Status of Work  
Part C: Point wise compliance status  
Part D: Annexures

**Baramati Agro Limited**

बारामती अग्रो लिमिटेड

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# **Environmental Clearance Compliance Status Report**

As per condition stipulated in the environment clearance letter  
Vide File No. IA-J-11011/106/2016-IA-II (I) dated 26th  
August 2021

**(Period: July 2021 to December 2021)**

**For**

**Expansion of sugarcane crushing capacity from 12000 TCD to  
18000 TCD and molasses-based distillery from 160 KLPD to  
Multi-feed (B heavy, Cane Juice, Grains) based 300 KLPD  
distillery unit**

**At**

**Shetphalgade, Tehsil- Indapur, District Pune, Maharashtra, by  
M/s Baramati Agro Limited (Unit-1)**

**Applicant**

**M/s Baramati Agro Limited (Unit-1)**

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2. PART B CURRENT STATUS
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**PART A**  
**DATA SHEET**

Monitoring the Implementation of Environmental Safeguards  
Ministry of Environment, Forest and Climate Change  
Western Region, Regional Office, Nagpur

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)		:	<b>Industry</b>
2.	Name of the project		:	Expansion of sugarcane crushing capacity from 12000 TCD to 18000 TCD and molasses based distillery from 160 KLPD to Multi-feed (B heavy, Cane Juice, Grains) based 300 KLPD distillery unit at Shetphalgade, Tehsil- Indapur, District Pune, Maharashtra, by M/s Baramati Agro Limited (Unit-1)- Consideration of Environment Clearance reg.
3.	Clearance letter (s) / OM No. and Date		:	1) Environmental Clearance received for Expansion of Sugar unit (4500 TCD to 12000 TCD), Cogeneration Power Plant (20 MW to 70 MW) and Distillery Unit (60 KLPD to 160 KLPD) Vide F. No. J-11011/106/2016-IA-II (I) dated 20 <sup>th</sup> March, 2017 2) Amendment in Environmental Clearance received for Expansion of Sugar unit, Cogeneration Power Plant and Distillery Unit Vide F. No. J-11011/106/2016-IA II (I) dated 28 <sup>th</sup> September, 2018 3) Environmental Clearance received for Expansion of Sugarcane crushing capacity from 12000 TCD to 18000 TCD and molasses-based distillery from 160 KLPD to Multi-feed (B heavy, Cane Juice, Grains) based 300 KLPD distillery unit for proposal No. IA/MH/IND2/197038/2016 Vide File No. IA-J-11011/106/2016-IA-II (I) dated 26 <sup>th</sup> August 2021
4.	Location		:	
	a.	District ( S )	:	Pune
	b.	State ( s )	:	Maharashtra
	c.	Latitude/ Longitude	:	18°16'14.07"N, 74°40'25.53"E
5.	Address for correspondence		:	
	a.	Address of Concerned Project Chief Engineer (with pin code &	:	Shri. Prakash Jathar COO, M/s Baramati Agro Limited ( Unit-1) A/P Shetphalgade, Tehsil Indapur, District Pune, Maharashtra- 413130



**Baramati Agro Limited (Unit-1)**

		Telephone / telex / fax numbers		Phone No: 02112 663211				
	b.	Address of Project: Engineer/Manager (with pin code/ Fax numbers )	:					
6.	Salient features							
	a.	of the project	:	The industry consisting of sugar unit, Multifeed based distillery and co-generation power plant.				
	b.	of the environmental management plans	:	<b>Air Environment:</b>				
				Sr. No.	Stack Attached to	Type of Fuel	Height in meters	APC Equipment
				<b>Sugar unit</b>				
				1	1*110 TPH boiler	Bagasse	65	ESP
				2	1*40 TPH Boiler	Bagasse	49	ESP
				<b>Distillery Unit</b>				
				1	1*10 TPH	Biogas + bagasse	40	Wet scrubber
				2	4.5 TPH	Biogas+ Bagasse		
				3	32 TPH Incinerator boiler	Concentrated spentwash + Coal / Bagasse	70	ESP
				4	DG Set 2*500 KVA	HSD	6	Acoustic enclosure
				<b>Wastewater generation and its treatment technology</b>				
				<b>Sugar and Cogeneration unit</b>				
				Sr. No.	Description	Quantity MT/D	Treatment technology and disposal	
				1	Sugar factory trade effluent	660	Treated in Sugar ETP based on primary and secondary treatment and disposed on land for irrigation	
				2	Co-generation	237	Treated along with sugar factory effluent based on	

				Power plant effluent		primary and secondary treatment and disposed on land for irrigation
			3	Excess Condensates	3600	Treated in condensate polishing unit based on primary, secondary and tertiary treatment and reused as process water or utilities
			4	Domestic effluent	160	Treated in STP and disposed on land for gardening
			<b>Distillery unit</b>			
			<b>Sr. No.</b>	<b>Raw Material</b>	<b>Concentrated Spentwash</b>	<b>To CPU</b>
			1	C Molasses for 60 KLPD and B Heavy molasses for 240 KLPD	120 MT/D to Composting and 270 MT/D to Incinerator boiler	1478
			2	B" Heavy Molasses	120 MT/D to Composting and 166 MT/D to Incinerator boiler	1404
			3	Sugarcane Juice/ Syrup	120 MT/D to Composting and 117 MT/D to Incinerator boiler	1798
				Treatment Scheme	Used as fuel in Incinerator boiler along with coal. The incinerator boiler ash shall be sold as potash rich manure to farmers	Treated in CPU based on primary, Secondary and tertiary treatment and reused as process water or for utilities
			4	Grains as raw material	100	740
				Treatment Scheme	Used as cattle feed	Treated in CPU based on primary, secondary and tertiary treatment and reused as process water or for utilities

			<b>Solid and hazardous waste generation</b>							
			<b>Non Hazardous solid waste</b>							
			<b>Sr. No.</b>	<b>Description of waste</b>	<b>Quantity</b>			<b>UOM</b>	<b>Mode of collection and disposal</b>	
					<b>Existing</b>	<b>Proposed</b>	<b>Total</b>			
				<b>Sugar and cogeneration unit</b>						
			1	Fly/ Boiler ash	18.73	20	38.73	MT/D	Sell to brick manufacturers	
			2	ETP Sludge	150	150	300	MT/A	After drying, it will be sold for brick kiln	
			3	Pressmud	360	360	720	MT/D	Mixed with concentrated spentwash as filler material and treated in composting	
				<b>Distillery unit</b>						
			1	Incineration boiler ash	26	28	54	MT/D	Sold as potash rich manure to farmers after mixing with pressmud	
			2	Fly/ Boiler ash	0.6	--	0.6	MT/D	Sell to brick manufacturers	
			3	Yeast Sludge						
			a	C Molasses	15	0	15	MT/D	After drying, it will be sold for brick kiln	
			b	B Heavy Molasses	13	11	24			
			c	Cane Juice	0	5	5			
			d	Grains	0	10	10			

				<b>Hazardous waste</b>					
				<b>Sr. No.</b>	<b>Category</b>	<b>Description of waste</b>	<b>Quantity</b>	<b>Mode of Collection and Disposal</b>	
				1.	5.1	Used Oil	2.0 KL/A	Shall be collected in Leak Proof Containers and utilized as lubricant for bullock carts	
				<b>Rain water harvesting:</b> The rainwater harvesting system is installed at various buildings and about 8119 sq. m of area. 3312 m3 per year water is harvested					
				<b>Green belt development:</b> Total plot area of the industry is 47.76 Hectares, out of which 17.00 Hectares of land is reserved for greenbelt development.					
7.	Breakup of the project area		:						
	a.	Submergence area forest & non-forest	:	Project is located in non-Forest area					
	b.	Others	:		<b>Sr. No.</b>	<b>Description</b>	<b>Area in sq.m</b>	<b>Percentage</b>	
					1	Total plot area	477600.00		
					2	Area under MDR Road	1860.00		
					3	Area under road widening	3210.00		
					4	Net plot area	472530.00		
					5	Area under parking	71120.00	15.08	
					6	Built-up area	43677.00	9.24	
					7	Area under utilities	85295.00	18.05	
					8	Open space for future expansion	58761.00	12.43	
					9	Area under greenbelt	170000.00	35.97	
						<b>Total</b>	<b>477600.00</b>	<b>100.00</b>	
8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural		:	NA					

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	land only, both Dwelling units & agricultural Land &landless labourers /artisan							
	a.	SC, ST/Adivasis	:	NA				
	b.	Others (Please indicate whether these Figures are based on any scientific and systematic survey carried out or only provisional figures, it a Survey is carried out give details and years of survey)	:	NA				
9.	Financial details		:					
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference:						
	1.	Estimated Cost of the Project	:	125 Crores				
	b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	<b>SR. NO.</b>	<b>COMPONENT</b>	<b>PARTICULARS</b>	<b>CAPITAL INVESTMENT (IN LAKHS)</b>	<b>RECURRING INVESTMENT (IN LAKHS)</b>
			1.	Air	Construction of new stack for boiler and ESP	400	40	
			2.	Water	<ul style="list-style-type: none"><li>Upgradation of ETP</li><li>Upgradation Sugar and distillery CPU</li></ul>	500	80	
			3.	Noise	Acoustic enclosures, Silencer pads, ear plugs etc	40	5	
			4.	Environment monitoring	Quarterly Environment Monitoring (Per Year)	--	10	

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					and Management	Ambient air monitoring	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NOx		
						Boiler & DG Set Monitoring	TPM, SO <sub>2</sub> , NOx		
						Effluent (Treated &Untreated)	pH, COD, BOD, TSS, TDS, Oil & Grease		
				5.	Occupational Health	Gloves, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers, Occupational Health (training, OH center)		60	10
				6.	Greenbelt	Green belt development activity		30	
						Maintenance of green belt		--	5
				7.	Solid Waste Management	Solid Waste Management		50	10
				8.	Rain water harvesting	Rain water harvesting		20	5
						<b>TOTAL COST (INR, LAKHS)</b>		<b>1100</b>	<b>165</b>
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:						
	d.	Whether (c) includes the Cost of environmental management as shown in the above.	:						
	e.	Actual expenditure incurred on the project so far	:	Project cost for distillery (160 to 300Klpd) - <b>1725 lac</b> Civil cost for distillery (160 to 300Klpd) - <b>178.25 lac</b>					

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	f.	Actual expenditure incurred on the environmental management plans so far	:	Suagr Unit - 50 TPH Boiler ESP - <b>300 lac</b> (3.0 Cr) Sugar CPU material project cost - <b>67.99 lac</b> Sugar CPU electrical cost - <b>17 lac</b> Sugar CPU Civil cost - <b>10 lac</b> Sugar CPU piping material, fabrication & erection cost - <b>7.5 lac</b> Distillery CPU Up-gradation cost- <b>20 lac</b>
10.		Forest land requirement	:	Not Applicable
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory afforestation, it any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.		The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information	:	Not Applicable
12.		Status of construction		
	a.	Date of commencement (Actual and/or planned)	:	28.08.201 (EC obtained on - 26.08.2021) & C20 o 300 klpd obtained on 21.12.2021)
	b.	Date of completion	:	<b>30.12.2021</b> ( C20 o 300 klpd obtained on 21.12.2021)

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		(Actual and/or planned)		
13.	Reasons for the delay if the Project is yet to start		:	Not Applicable
14	Dates of site visits			
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	
	b.	Date of site visit for this monitoring report	:	
15.	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits )		:	
	(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)		:	



**PART B**  
**CURRENT STATUS**

<b>Sr. No.</b>	<b>Description</b>	<b>Capacity as per EC</b>	<b>Status of work</b>
1	Sugar Unit	12000 to 18000 TCD	9000 TCD to 18000 TCD Expansion work completed, awaiting for CTO
2	Distillery Unit	160 KLPD to 300 KLPD	Completed
3	Cogeneration Power Plant	20 MW to 70 MW	30 to 70 MW Expansion work completed awaiting for CTO

**PART C**  
**ENVIRONMENTAL CLEARANCE CONDITIONS AND COMPLIANCE**

Sr. No.	EC Conditions	Compliance
<b>Specific Conditions:</b>		
(i)	As per OM dated 16 <sup>th</sup> June, 2021, project falls in category B2 and the proposed additional capacity of 140 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provide that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2, the EC shall stand cancelled.	Noted. We are going to supply ethanol from the proposed expansion of 140 KLPD distillery to petroleum companies under Ethanol Blended with Petrol Programme (EBP) only. The affidavit from the PP for the same as per OM dated 16 <sup>th</sup> June, 2021 is enclosed as <b>Annexure 1</b>
(ii)	The company shall comply with all the environmental protection measures as safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Noted and being complied
(iii)	The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.	<b>Sugar and Co-generation power plant-</b> The excess condensates from sugar unit are treated in condensate polishing unit and reused as process water for sugar and distillery unit, makeup water for cooling towers and boiler. <b>Distillery Unit:-</b> The distillery unit is based on Zero Liquid Discharge. The spentwash is treated based on concentration in MEE followed by Incineration in incinerator boiler to achieve the zero liquid discharge. The condensates from the MEE are collected and treated in Condensate Polishing Unit and recycled back as process water or makeup water for cooling towers and boilers.
(iv)	Total fresh water requirement for the integrated unit shall not exceed 907 MT/D, 713 MT/D, 1044 MT/D and 441MT/D based on raw material used 'C' molasses + B heavy molasses,	The fresh water requirement is not exceeded 907 MT/D, 713 MT/D, 1044 MT/D and 441MT/D based on raw material used 'C' molasses + B heavy molasses, 'B'

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<b>Sr. No.</b>	<b>EC Conditions</b>	<b>Compliance</b>
	'B' heavy molasses, sugar cane juice and grains respectively. It shall be met from Khadakwasla Canal and Ujani Dam. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises.	heavy molasses, sugar cane juice and grains respectively. The necessary permissions from the Khadakwasla Canal and Ujani Dam are available with the industry and is renewed from time to time. No ground water will be utilized for industrial purposes. No groundwater recharge will be there.
(v)	The spent wash/other concentrates shall be treated by concentration followed by incineration.	The raw spentwash is treated based on concentration in MEE followed by Incineration in incinerator boiler to achieve the zero liquid discharge.
(vi)	CO2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	The CO2 generated from the process are scrubbed and bottled.
(vii)	Occupational Health center for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/ mask for personal protection.	The occupational health center is already established and operational. The health check-up of the workers is done once in 6 months, the records are maintained. All the workers are provided with PPE Kits as per the requirements. Health Checkup records are attached as <b>Annexure 3</b>
(viii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Proper training is imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training. Mock drills are carried out once in a 6 Months. The records are maintained. It is attached as <b>Annexure 4</b>
(ix)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	All the arrangements as per the PESO are provided by the industry. The firefighting system is in place, Regular maintenance is carried out.
(x)	Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	The distillation residue (1 MT/A) and yeast sludge (3.5 MT/Day) is treated in composting and distributed as Manure to farmers.

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Sr. No.	EC Conditions	Compliance
(xi)	<p>The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.</p>	<p>a) All the processes within the industry are carried out in closed system. No manual handling of material is practiced. Flow meters are provided in order to ensure the control of quantities of raw materials and waste generation.</p> <p>b) The byproducts from sugar unit i.e. B Heavy Molasses, C molasses and Sugarcane syrup are used as raw material in distillery unit. The press mud and boiler ash are used as filler material in composting along with conc. Spentwash for 60 KLPD Distillery</p> <p>The bagasse is used as fuel for sugar and distillery boilers.</p> <p>c) Closed and automotive systems are provided for loading and unloading of raw materials and finished goods.</p> <p>d) Closed systems are in place</p> <p>e) Venting Equipments are in place</p> <p>f) High pressure hoses are provided, which minimizes the cleaning water requirement and wastewater generation.</p>
(xii)	<p>The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of the tree canopy shall be monitored through remote sensing map.</p>	<p>Total 17.0 Hectares (&gt;33%) of land out of 47.70 Hectares is reserved. The industry has planted total 14000 trees around the periphery, Near parking area, and coal and bagasse storage yard within project site. 5 m to 10 m width of greenbelt is maintained. The records are maintained.</p>
(xiii)	<p>As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights,</p>	<p>The capital cost of the proposed expansion project is Rs. 125 Crores. The industry has reserved Rs. 0.9375 Crores (0.75 % of the cost of the project as per Office Memorandum Vide F. No. 22-65/2017-IA.III Dated 01.05.2018) which will be spent on the activities like sanitation and health, education, and educational facilities as a cost towards corporate environment responsibility (CER).</p>

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<b>Sr. No.</b>	<b>EC Conditions</b>	<b>Compliance</b>
	battery, solar panel etc., in the nearby villages. The action plan shall be completed within time as proposed.	
(xiv)	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw material and finished products, and no parking to be allowed outside on public places. Out of the total project area, 20% shall be allotted solely for parking purposes.	Out of the total project area, 15% % area is allocated for the parking purposes.
(xv)	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Raw material is stored in covered areas to prevent dust pollution and other fugitive emission.
(xvi)	Continuous online (24x7) monitoring system for stack emission shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	The continuous online monitoring systems are installed and are connected to CPCB and MPCB Servers. Stack monitoring report is attached as <b>Annexure 2</b>
(xvii)	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/ specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Environmental Management Cell is supervised by Project Engineer and qualified supervisors.
<b>General Conditions</b>		
(i)	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measure required, if any.	Agreed and No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measure required, if any.

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<b>Sr. No.</b>	<b>EC Conditions</b>	<b>Compliance</b>
(ii)	The energy source for lighting purpose shall be preferably LED based, or advanced having preferences in energy conservation and environment betterment.	The low energy consumption light source i.e. LED Lamps are provided for illumination. The same practice shall be continued.
(iii)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The acoustic measures, silencer pads etc are provided. Regular maintenance of all the noise generating equipment is done from time to time. Adequate greenbelt is provided to reduce the ambient noise levels. Periodic monitoring of Ambient noise levels are done by NABL/MoEF&CC Accredited laboratories are done the records are maintained. The noise monitoring reports are enclosed as <b>Annexure 2</b>
(iv)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by the involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The CER Plan in consultation with the district collector and local authorities is prepared. The industry has reserved Rs. 0.9375 Crores (0.75 % of the cost of the project as per Office Memorandum Vide F. No. 22-65/2017-IA.III Dated 01.05.2018) which will be spent on the activities like sanitation and health, education, and educational facilities as a cost towards corporate environment responsibility (CER).
(v)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	The costs involved in environmental monitoring and management to mitigate the adverse effects will be put on account for the proposed project. The capital cost for the EMP is Rs. 1100 Lakhs. And recurring cost will be Rs. 165 Lakhs per annum.

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<b>Sr. No.</b>	<b>EC Conditions</b>	<b>Compliance</b>
(vi)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representation, if any, were received while processing the proposal.	Copy of EC has been submitted to local body. Copy of EC certificate & previously submitted EC compliance report uploaded on website of industry & screenshot of same is enclosed. Copy of EC Letter and screenshot is attached as <b>Annexure 7 &amp; 8.</b>
(vii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF & CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	We are submitting six monthly compliance reports along with monitoring results to the concerned authorities, and same are posted on the website of the company for earlier Environment clearances received. The same practice shall be continued.
(viii)	The Environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as in mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance Regional Offices of MoEF & CC by e-mail.	We will submit the environmental statement report for each financial year to the Maharashtra pollution control board as prescribe under the environment protection rules 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions.
(ix)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/ Committee and may also be seen at Website of the Ministry and at <a href="http://parivesh.nic.in/">http://parivesh.nic.in/</a> . This shall be advertised within seven days from the date of issue of the clearances letter, at least In two local newspaper that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Advertisement had been published in local English & Marathi newspaper. Advertisement copy is enclosed as <b>Annexure 6</b>
(x)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the	Noted



***Baramati Agro Limited (Unit-1)***

<b>Sr. No.</b>	<b>EC Conditions</b>	<b>Compliance</b>
	date of start of the project.	
(xi)	This environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted

**Part 4: Annexures:**

**Annexure 1: Affidavit**

**Annexure 2: Monitoring Report**

**Annexure 3: Health Checkup Records**

**Annexure 4: Mock Drill Report**

**Annexure 5: Copy of Consent to Establish**

**Annexure 6: Advertise in Newspaper**

**Annexure 7: EC Letter**

**Annexure 8: Copy of granted EC uploaded on the website of Baramati Agro Ltd**



## **ANNEXURE 1: AFFIDAVIT**

692/2021



महाराष्ट्र MAHARASHTRA

2020

BC 872197

अनुमानित 2014/2021 500  
रुपये  
उल्लिखित  
उपकार व्यवसाय जवा  
जलोची, वारामती  
महेश जाधव  
पता



*M. Jadhav*  
मुद्रांक धारकाचा/ हस्त व्यक्तीचे आहे

राजकी  
(जी.पी.एन. टिप्पणी)  
मुद्रांक विक्रेता, पत्ताना 22/03/2021  
परवान्याची मुदत 31/03/2021  
पता- तहसिल कंपाउड, वारामती

### AFFIDAVIT



We, Baramati Agro Limited (Unit-1) have proposed expansion of sugarcane crushing capacity from 12000 TCD to 18000 TCD and molasses based distillery from 160 KLPD to multi-feed ( B-heavy, cane juice, grains) based 300 KLPD distillery unit at Shetphalgade.

NOTED AND REGISTERED AT  
SERIAL NUMBER: 692/2021  
DATE: 30 JUN 2021

30 JUN 2021

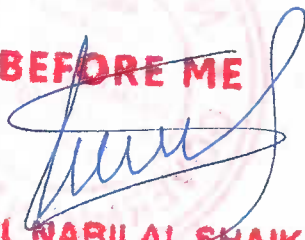


With reference to MoEF&CC Notification S.O 2339 (E) dated 16<sup>th</sup> June 2021, we hereby undertake to supply Ethanol from the proposed expansion of 140 KLPD distillery to petroleum companies under Ethanol Blended Petrol (EBP) program only, subject to issuance of LOI for the expanded production capacity.

Verified on 30<sup>th</sup> day of June 2021 that the contents of the affidavit are true and correct nothing material has been concealed and no part of it is false.



**BEFORE ME**



**ABDUL NABILAL SHAIKH**  
ADVOCATE & NOTARY, GOVT. OF INDIA  
PUNE DISTRICT (MAHARASHTRA)



**NOTED AND REGISTERED AT:**  
**SERIAL NUMBER:** 642/2021  
**DATE:** 30 JUN 2021

## **ANNEXURE 2: MONITORING REPORT**





# EHS MATRIX

## PRIVATE LIMITED

📍 Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.  
☎ +91 95796 84751 / +91 90961 85285  
🌐 www.ehsmatrix.co.in ✉ ehsmatrixpune@gmail.com

### TEST REPORT

Report No:	EHSM/2021/Nov/R-548	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit 1) Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra Sugar and Cogeneration Unit		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	15/11/2021		Stack Height : 65
Sampling Location	110 TPH		Stack Type : Round
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021


### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	408	°K		---
2	Differential Pressure	3.4	mm WG		
3	Velocity	4.85	M/s		
4	Dimensions of Stack	9.928	Mtr.		
5	Stack Area	77.24	M <sup>2</sup>		
6	Gas Volume	1436633.8	Nm <sup>3</sup> /Hr		
7	Particulate Matter	62.1	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	32.5	mg/Nm <sup>3</sup>	4320	
9	Sulphur Dioxide (SO <sub>2</sub> )	0.28	Kg/day	--	
10	Oxide Of Nitrogen (NO <sub>x</sub> )	11.8	mg/Nm <sup>3</sup>	N.S.	

➤ **Remark-** All above results are well within MPCB Limit.  
BDL.: - Below Detection Limit

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

📍 Register Office Address :  
C-7, Omkar Kudale Patil Estate, Manik  
Baugh, Sinhgad Road, Pune - 411051.  
☎ +91 20 2435 6133  
☎ +91 90961 85285 / +91 91585 60571

📍 Branch Office Address :  
F-01, Shakuntala Complex,  
Rajarampuri, 4th Lane,  
Kolhapur - 416008.  
☎ +91 98343 07334

**CERTIFICATIONS :**  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018





# EHS MATRIX

## PRIVATE LIMITED

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🌐 www.ehsmatrix.co.in ✉ ehsmatrixpune@gmail.com

### TEST REPORT

Report No:	EHSM/2021/Nov/R-549	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit 1) Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra Sugar and Cogeneration Unit		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	15/11/2021		Stack Height : 49
Sampling Location	40 TPH		Stack Type : Round
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	388	°K		---
2	Differential Pressure	2.9	mm WG		
3	Velocity	4.30	M/s		
4	Dimensions of Stack	1.8	Mtr.		
5	Stack Area	2.543	M <sup>2</sup>		
6	Gas Volume	57631.92	Nm <sup>3</sup> /Hr		
7	Particulate Matter	66.9	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	28.2	mg/Nm <sup>3</sup>	2320	
9	Sulphur Dioxide (SO <sub>2</sub> )	0.24	Kg/day	--	
10	Oxide Of Nitrogen (NO <sub>x</sub> )	9.6	mg/Nm <sup>3</sup>	N.S.	

➤ **Remark-** All above results are well within MPCB Limit.

BDL.: - Below Detection Limit

Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

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📍 Branch Office Address :  
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Rajarampuri, 4th Lane,  
Kolhapur - 416008.  
☎ +91 98343 07334

CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018





# EHS MATRIX

## PRIVATE LIMITED

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🌐 www.ehsmatrix.co.in ✉ ehsmatrixpune@gmail.com

### TEST REPORT

Report No:	EHSM/2021/Nov/R-550	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit 1) Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra Distillery Unit		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	15/11/2021		Stack Height : 70
Sampling Location	32 TPH Incinerator boiler		Stack Type : Round
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	453	°K		---
2	Differential Pressure	2.4	mm WG		
3	Velocity	10	M/s		
4	Dimensions of Stack	2.2	Mtr.		
5	Stack Area	3.79	M <sup>2</sup>		
6	Gas Volume	73637.9	Nm <sup>3</sup> /Hr		
7	Particulate Matter	72.4	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	23.1	mg/Nm <sup>3</sup>	1360	
9	Sulphur Dioxide (SO <sub>2</sub> )	0.29	Kg/day	--	
10	Oxide Of Nitrogen (NO <sub>x</sub> )	10.7	mg/Nm <sup>3</sup>	N.S.	

➤ **Remark-** All above results are well within MPCB Limit.  
BDL:- Below Detection Limit

*Aishetty*

Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



*Rahul Patil*

Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

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☎ +91 98343 07334

**CERTIFICATIONS :**  
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ISO 14001 : 2015  
ISO 45001 : 2018





# EHS MATRIX

## PRIVATE LIMITED

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🌐 www.ehsmatrix.co.in ✉ ehsmatrixpune@gmail.com


### TEST REPORT

Report No:	EHSM/2021/Nov/R-551	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit 1) Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra Distillery Unit		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	15/11/2021		Stack Height : 40
Sampling Location	10TPH		Stack Type : Round
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	395	°K		
2	Differential Pressure	2.6	mm WG		
3	Velocity	4.9	M/s		
4	Dimensions of Stack	1.2	Mtr.		
5	Stack Area	1.13	M <sup>2</sup>		
6	Gas Volume	24851.70	Nm <sup>3</sup> /Hr		
7	Particulate Matter	69.6	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	28.4	mg/Nm <sup>3</sup>	480	
9	Sulphur Dioxide (SO <sub>2</sub> )	0.20	Kg/day	--	
10	Oxide Of Nitrogen (NO <sub>x</sub> )	11.9	mg/Nm <sup>3</sup>	N.S.	

➤ **Remark-** All above results are well within MPCB Limit.  
BDL.: - Below Detection Limit

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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**CERTIFICATIONS :**  
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# EHS MATRIX

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www.ehsmatrix.co.in ehsmatrixpune@gmail.com

### TEST REPORT

Report No:	EHSM/2021/Nov/R-552	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit 1) Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	15/11/2021		Stack Height : 23
Sampling Location	DG Set 500 KVA		Stack Type : Round
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	453	°K		---
2	Differential Pressure	2.2	mm WG		
3	Velocity	8.18	M/s		
4	Dimensions of Stack	0.4998	Mtr.		
5	Stack Area	0.196	M <sup>2</sup>		
6	Gas Volume	3800.5	Nm <sup>3</sup> /Hr		
7	Particulate Matter	71.8	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	30.2	mg/Nm <sup>3</sup>	--	
9	Sulphur Dioxide (SO <sub>2</sub> )	0.25	Kg/day	--	
10	Oxide Of Nitrogen (NO <sub>x</sub> )	10.2	mg/Nm <sup>3</sup>	N.S.	

➤ **Remark-** All above results are well within MPCB Limit.  
BDL.: - Below Detection Limit

*Aishwarya Shetty*  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



*Rahul Patil*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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ISO 45001 : 2018





# EHS MATRIX

## PRIVATE LIMITED

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### TEST REPORT


Report No:	EHSM/2021/Nov/R-504	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	15/11/2021	Sampling duration	1440 Min
Sampling Location	Near Main Gate	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	29°C	Wet bulb temperature	26°C
Relative Humidity	71 %	Sampling done by	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	19.8	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	16.2	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	62.9	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	27.5	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.7	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	50.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 (Part 11)
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	

**Remark-** All above results are within National Ambient Air Quality standards.

BDL – Below Detectable Limit.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

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**CERTIFICATIONS :**  
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ISO 14001 : 2015  
ISO 45001 : 2018





# EHS MATRIX

PRIVATE LIMITED

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## TEST REPORT

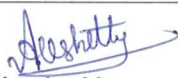
Report No:	EHSM/2021/Nov/R-505	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	15/11/2021	Sampling duration	1440 Min
Sampling Location	Near Bagasse yard	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	29°C	Wet bulb temperature	26°C
Relative Humidity	71 %	Sampling done by	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

## Results


Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	15.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	18.1	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	60.7	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	24.3	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.6	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	45.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)

**Remark-** All above results are within National Ambient Air Quality standards.

BDL – Below Detectable Limit.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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**CERTIFICATIONS :**  
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ISO 14001 : 2015  
ISO 45001 : 2018





# EHS MATRIX

PRIVATE LIMITED

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## TEST REPORT

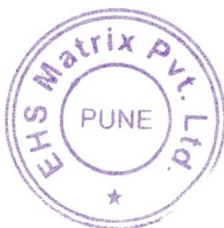
Report No:	EHSM/2021/Nov/R-506	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	15/11/2021	Sampling duration	1440 Min
Sampling Location	Near ETP	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	29°C	Wet bulb temperature	26°C
Relative Humidity	71 %	Sampling done by	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	14.6	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	19.3	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	61.5	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	26.1	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.9	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	40.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 (Part 11)
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	

**Remark-** All above results are within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2021/Nov/R- 507	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Waste Water	Sample Description	Sugar ETP Inlet
Date of Sampling	15/11/2021	Sampling Time	02.10 PM
Sampling Location	ETP Plant	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	pH at 25°C	6.8	--	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
2	Total Suspended Solids TSS	426.0	mg/L	APHA 2540 D, 23 <sup>rd</sup> Ed.2017
3	Total Dissolved Solids TDS	1160.0	mg/L	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
4	Oil & Grease	11.0	mg/L	APHA 5520 B, 23 <sup>rd</sup> Ed.2017
5	Chloride (as Cl)	320.0	mg/L	APHA 4500 Cl, 23 <sup>rd</sup> Ed. 2017
6	Sulphate (as SO <sub>4</sub> )	304.0	mg/L	IS 3025 (Part 24): 1986
7	Biochemical Oxygen Demand BOD at 27°C for 3 days	1679.0	mg/L	IS 3025 (Part 44)-1993, Rev.1
8	Chemical Oxygen Demand COD	3448.0	mg/L	APHA 5520-C-B 23 <sup>rd</sup> Ed.2017

Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2021/Nov/R- 508	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Waste Water	Sample Description	Sugar ETP Outlet
Date of Sampling	15/11/2021	Sampling Time	02.25 PM
Sampling Location	ETP Plant	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	MPCB limits	Unit(s)	Methods
1	pH at 25°C	7.8	5.5-9.0	--	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
2	Total Suspended Solids TSS	75.0	100	mg/L	APHA 2540 D, 23 <sup>rd</sup> Ed.2017
3	Total Dissolved Solids TDS	800.0	2100	mg/L	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
4	Oil & Grease	<5.0	10	mg/L	APHA 5520 B, 23 <sup>rd</sup> Ed.2017
5	Chloride (as Cl)	270.0	600	mg/L	APHA 4500 Cl, 23 <sup>rd</sup> Ed. 2017
6	Sulphate (as SO <sub>4</sub> )	427.0	1000	mg/L	IS 3025 (Part 24): 1986
7	Biochemical Oxygen Demand BOD at 27°C for	25.0	100	mg/L	IS 3025 (Part 44)-1993, Rev.1
8	Chemical Oxygen Demand COD	75.0	250	mg/L	APHA 5520-C-B 23 <sup>rd</sup> Ed.2017

Remark- All parameters are within the MPCB limit.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2021/Nov/R-509	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Soil	Sample Description	Near Compost Yard
Date of Sampling	15/11/2021	Sampling Time	10.05 AM
Sampling Location	Near Compost Yard	Sampling Procedure	--
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 Kg
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture			Manual Of Soil Testing
	a) Sand	58	%	
	b) Silt	30	%	
	c) Clay	12	%	
2	pH at 25°C	6.9	--	IS 2720(Part 26) 1987
3	EC at 25°C	418.0	μS/cm	IS 14767 : 2000
4	Moisture Content	3.9	%	Manual Of Soil Testing
5	Organic Matter	1.5	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	-	meq/100g	Manual Of Soil Testing
7	Bulk Density	1.1	g/cm <sup>3</sup>	Manual of Soil; Testing
8	Available Phosphorus	50.0	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	231.0	mg/Kg	Manual Of Soil Testing
10	Water Holding	69.0	%	Manual Of Soil Testing
11	Calcium (as Ca)	60.0	mg/Kg	Manual Of Soil Testing
12	Magnesium (as Mg)	31.0	mg/Kg	Manual Of Soil Testing
13	Lead (as Pb)	<1.0	mg/Kg	Manual Of Soil Testing
14	Copper (as Cu)	<1.0	mg/Kg	Manual Of Soil Testing
15	Zinc (as Zn)	<1.0	mg/Kg	Manual Of Soil Testing
16	Cadmium (as Cd)	<1.0	mg/kg	Manual Of Soil Testing
17	Iron (as Fe)	578.0	mg/Kg	Manual Of Soil Testing
18	Manganese (as Mn)	189.0	mg/Kg	Manual Of Soil Testing
19	Potassium (as K)	206.0	Mg/Kg	Manual of Soil Testing

*Aishwarya Shetty*  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



*Rahul Patil*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2021/Nov/R- 510	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Solid	Sample Description	Compost
Date of Sampling	15/11/2021	Sampling Time	02.25 PM
Sampling Location	--	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 Kg
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	FCO limits	Unit(s)	Methods
1	pH (10 % Solution)	6.8	6.5-7.5	--	IS 2720 (Part 26)
2	Moisture	19.2	≤ 25	%	IS 2720 (Part 2)
3	Colour	Blackish Brown	Dark Brown to Black	--	FCO
4	Odour	Absence of foul smell	Absence of foul smell	--	
5	Bulk Density	0.40	≤ 1.0	gm/c	IS 2720 (Part 8)-1983
6	Total Organic Carbon	18.0	≥ 14	%	(FCO) Fertilizer Control Order 1985
7	Total Nitrogen as N	1.60	≥ 0.8	%	
8	Total Phosphate as P <sub>2</sub> O <sub>5</sub>	0.69	≥ 0.4	%	
9	Potash, as K <sub>2</sub> O	0.60	≥ 0.4	%	
10	C:N Ratio	18.3	≤ 20:1	--	
11	Particle Size	92 %	Min 90% material pass through 4.0 mm IS sieve	%	

*Aishwarya Shetty*

Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



*Rahul Patil*

Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2021/Nov/R-511	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Water	Sample Description	Ground Water
Date of Sampling	15/11/2021	Sampling Time	12.40 PM
Sampling Location	Near Project Site	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (IS 10500:2012)	Methods
1	pH at 25°C	6.97	--	6.5 to 8.5	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
2	EC at 25°C	442.0	µS/cm	--	APHA 2510 B, 23 <sup>rd</sup> Ed.2017
3	Total Dissolved Solids TDS	285.0	mg/L	<500	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
4	Total Hardness (as CaCO <sub>3</sub> )	209.0	mg/L	<200	IS 3025 (Part 21):2009
5	Total Alkalinity (as CaCO <sub>3</sub> )	195.0	mg/L	<200	IS 3025 (Part 23):1986
6	Sulphate (as SO <sub>4</sub> )	28.0	mg/L	<200	IS 3025 (Part 24):1986
7	Chloride (as Cl)	42.0	mg/L	<250	APHA 4500 Cl 23 <sup>rd</sup> Ed.2017
8	Nitrate (as NO <sub>3</sub> )	1.2	mg/L	<45	IS 3025 (Part 34):1988
9	Iron (as Fe)	0.08	mg/L	<0.3	AAS Method
10	Calcium (as Ca)	41.0	mg/L	<75	IS 3025 (Part 40) 1991
11	Magnesium (as Mg)	25.7	mg/L	<30	IS 3025 (Part 46) 1994
12	Total Coliform	Absent	MPN/100ml	<2	IS 1622:1981
13	E.coli.	Absent	MPN/100ml	<2	IS 1622:1981

➤ Remark- The above water sample is Comply with required limit as per 10500:2012.

*Aishetty*

Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



*Rahul Patil*

Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2021/Nov/R-512	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Water	Sample Description	Ground Water
Date of Sampling	15/11/2021	Sampling Time	12.55 PM
Sampling Location	Near Project Site	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (IS 10500:2012)	Methods
1	pH at 25°C	7.8	--	6.5 to 8.5	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
2	EC at 25°C	490.0	µS/cm	--	APHA 2510 B, 23 <sup>rd</sup> Ed.2017
3	Total Dissolved Solids TDS	317.0	mg/L	<500	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
4	Total Hardness (as CaCO <sub>3</sub> )	251	mg/L	<200	IS 3025 (Part 21):2009
5	Total Alkalinity (as CaCO <sub>3</sub> )	180.0	mg/L	<200	IS 3025 (Part 23):1986
6	Sulphate (as SO <sub>4</sub> )	30.0	mg/L	<200	IS 3025 (Part 24):1986
7	Chloride (as Cl)	46.0	mg/L	<250	APHA 4500 Cl 23 <sup>rd</sup> Ed.2017
8	Nitrate (as NO <sub>3</sub> )	1.4	mg/L	<45	IS 3025 (Part 34):1988
9	Iron (as Fe)	0.06	mg/L	<0.3	AAS Method
10	Calcium (as Ca)	52.0	mg/L	<75	IS 3025 (Part 40) 1991
11	Magnesium (as Mg)	29.1	mg/L	<30	IS 3025 (Part 46) 1994
12	Total Coliform	Absent	MPN/100ml	<2	IS 1622:1981
13	E.coli.	Absent	MPN/100ml	<2	IS 1622:1981

➤ Remark- The above water sample is Comply with required limit as per 10500:2012.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2021/Nov/R-513	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Noise	Sample Description	Ambient Noise
Date of Sampling	15/11/2021	Sampling duration	Spot Time
Sampling done by	EHS Matrix Pvt. Ltd., Pune.		

### Results

Sr. No.	Locations	Result dB(A) Day	Result dB(A) Night	Specifications (CPCB Standards dB(A))	Method
1.	Near Main Gate	70.9	59.7	75/70	CPCB Guideline
2.	Near Bagasse Yard	72.6	65.9		
3.	Near ETP	69.8	64.5		

#### Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB.

Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



Authorized Signatory  
Mr. Rahul Patil  
(Director)

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📍 Branch Office Address :  
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Kolhapur - 416008.

☎ +91 98343 07334

CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018





# EHS MATRIX

## PRIVATE LIMITED


📍 Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.  
☎ +91 95796 84751 / +91 90961 85285  
🌐 www.ehsmatrix.co.in ✉ ehsmatrixpune@gmail.com

### TEST REPORT

Report No:	EHSM/2021/Nov/R- 514	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited ((Unit 1) Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Waste Water	Sample Description	Sugar CPU Outlet
Date of Sampling	15/11/2021	Sampling Time	11.20 AM
Sampling Location	CPU	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	pH at 25°C	7.8	--	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
2	Total Suspended Solids TSS	15.0	mg/L	APHA 2540 D, 23 <sup>rd</sup> Ed.2017
3	Total Dissolved Solids TDS	260.0	mg/L	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
4	Oil & Grease	ND	mg/L	APHA 5520 B, 23 <sup>rd</sup> Ed.2017
5	Chloride (as Cl)	21.0	mg/L	APHA 4500 Cl, 23 <sup>rd</sup> Ed. 2017
6	Sulphate (as SO <sub>4</sub> )	17.0	mg/L	IS 3025 (Part 24): 1986
7	Biochemical Oxygen Demand BOD at 27°C for 3 days	9.0	mg/L	IS 3025 (Part 44)-1993, Rev.1
8	Chemical Oxygen Demand COD	27.0	mg/L	APHA 5520-C-B 23 <sup>rd</sup> Ed.2017

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

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S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

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### TEST REPORT

Report No:	EHSM/2021/Nov/R- 515	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited ((Unit 1) Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Waste Water	Sample Description	Sugar CPU Inlet
Date of Sampling	15/11/2021	Sampling Time	11.35 AM
Sampling Location	CPU	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	pH at 25°C	6.4	--	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
2	Total Suspended Solids TSS	450.0	mg/L	APHA 2540 D, 23 <sup>rd</sup> Ed.2017
3	Total Dissolved Solids TDS	290.0	mg/L	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
4	Oil & Grease	11.0	mg/L	APHA 5520 B, 23 <sup>rd</sup> Ed.2017
5	Chloride (as Cl)	344.0	mg/L	APHA 4500 Cl, 23 <sup>rd</sup> Ed. 2017
6	Sulphate (as SO <sub>4</sub> )	305.0	mg/L	IS 3025 (Part 24): 1986
7	Biochemical Oxygen Demand BOD at 27°C for 3 days	327.0	mg/L	IS 3025 (Part 44)-1993, Rev.1
8	Chemical Oxygen Demand COD	695.0	mg/L	APHA 5520-C-B 23 <sup>rd</sup> Ed.2017

Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

Report No:	EHSM/2021/Nov/R- 516	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit 1) Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Waste Water	Sample Description	Distillery CPU Outlet
Date of Sampling	15/11/2021	Sampling Time	12.10 PM
Sampling Location	CPU	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	pH at 25°C	7.2	--	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
2	Total Suspended Solids TSS	11.0	mg/L	APHA 2540 D, 23 <sup>rd</sup> Ed.2017
3	Total Dissolved Solids TDS	250.0	mg/L	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
4	Oil & Grease	ND	mg/L	APHA 5520 B, 23 <sup>rd</sup> Ed.2017
5	Chloride (as Cl)	21.0	mg/L	APHA 4500 Cl, 23 <sup>rd</sup> Ed. 2017
6	Sulphate (as SO <sub>4</sub> )	14.0	mg/L	IS 3025 (Part 24): 1986
7	Biochemical Oxygen Demand BOD at 27°C for 3 days	18.0	mg/L	IS 3025 (Part 44)-1993, Rev.1
8	Chemical Oxygen Demand COD	42.0	mg/L	APHA 5520-C-B 23 <sup>rd</sup> Ed.2017

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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www.ehsmatrix.co.in ehsmatrixpune@gmail.com

### TEST REPORT

Report No:	EHSM/2021/Nov/R- 517	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit 1) Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Waste Water	Sample Description	Distillery CPU Inlet
Date of Sampling	15/11/2021	Sampling Time	12.30 PM
Sampling Location	CPU	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021

### Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	pH at 25°C	6.39	--	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
2	Total Suspended Solids TSS	619.0	mg/L	APHA 2540 D, 23 <sup>rd</sup> Ed.2017
3	Total Dissolved Solids TDS	480.0	mg/L	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
4	Oil & Grease	10.0	mg/L	APHA 5520 B, 23 <sup>rd</sup> Ed.2017
5	Chloride (as Cl)	392.0	mg/L	APHA 4500 Cl, 23 <sup>rd</sup> Ed. 2017
6	Sulphate (as SO <sub>4</sub> )	358.0	mg/L	IS 3025 (Part 24): 1986
7	Biochemical Oxygen Demand BOD at 27°C for 3 days	1580.0	mg/L	IS 3025 (Part 44)-1993, Rev.1
8	Chemical Oxygen Demand COD	3492.0	mg/L	APHA 5520-C-B 23 <sup>rd</sup> Ed.2017

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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### TEST REPORT

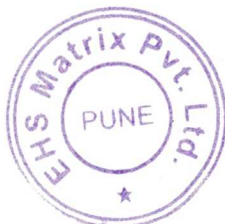
Report No:	EHSM/2021/Nov/R-518	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Water	Sample Description	Piezometer
Date of Sampling	15/11/2021	Sampling Time	12.40 PM
Sampling Location	Near Project Site	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021


### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (IS:2296) Class E	Methods
1	Colour	<2	Hazen	5.0	APHA 2120 B, 23 <sup>rd</sup> Ed.2017
2	Odour	Agreeable	--	Agreeable	IS 3025 (Part 5)
3	EC at 25°C	1425.0	µS/cm	2250	APHA 2510 B, 23 <sup>rd</sup> Ed.2017
4	Turbidity	<1	NTU	1.0	APHA 2130 B, 23 <sup>rd</sup> Ed.2017
5	pH at 25°C	7.15	--	6.5 to 8.5	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
6	Biochemical Oxygen Demand BOD at 27°C for 3 days	8.0	mg/L	NS	APHA 2510 B, 23 <sup>rd</sup> Ed.2017
7	Chemical Oxygen Demand COD	24.0	mg/L	NS	IS 3025 (Part 58):2006
8	Total Dissolved Solids TDS	950.0	mg/L	2100	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
9	Total Hardness (as CaCO <sub>3</sub> )	804.0	mg/L	NS	IS 3025 (Part 21):2009
10	Total Alkalinity (as CaCO <sub>3</sub> )	282.0	mg/L	NS	IS 3025 (Part 23):1986
11	Chloride (as Cl)	249.0	mg/L	600	APHA 4500 Cl 23 <sup>rd</sup> Ed.2017
12	Calcium (as Ca)	225.0	mg/L	NS	IS 3025 (Part 40) 1991
13	Magnesium (as Mg)	58.0	mg/L	NS	IS 3025 (Part 46) 1994
14	Sodium (as Na)	173.0	mg/L	NS	APHA 3500 Na B, 23 <sup>rd</sup> Ed.2017
15	Potassium (as K)	8.0	mg/L	NS	APHA 3500 K B, 23 <sup>rd</sup> Ed.2017
16	% Na (Max)	54.75	%	60	By Calculation
17	Sodium Absorption Ratio	4.9	--	26	By Calculation
18	Residual Sodium Carbonate	1.7	Meq/l	2.5	By Calculation

➤ Remark- The above water sample is Comply with required limit as per 10500:2012.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)  
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### TEST REPORT

Report No:	EHSM/2021/Nov/R-519	Issue Date	20/11/2021
Name and Address of Customer	M/s Baramati Agro Limited (Unit-1), Shetphalgade, Tal. Indapur, Dist. Pune, Maharashtra		
Sample Name	Water	Sample Description	Piezometer
Date of Sampling	15/11/2021	Sampling Time	12.40 PM
Sampling Location	Near Project Site	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L
Start Date of Analysis	17/11/2021	End Date of Analysis	19/11/2021


### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (IS:2296) Class E	Methods
1	Colour	<2	Hazen	5.0	APHA 2120 B, 23 <sup>rd</sup> Ed.2017
2	Odour	Agreeable	--	Agreeable	IS 3025 (Part 5)
3	EC at 25°C	1498.0	µS/cm	2250	APHA 2510 B, 23 <sup>rd</sup> Ed.2017
4	Turbidity	<1	NTU	1.0	APHA 2130 B, 23 <sup>rd</sup> Ed.2017
5	pH at 25°C	6.95	--	6.5 to 8.5	APHA 4500 H+ A, 23 <sup>rd</sup> Ed.2017
6	Biochemical Oxygen Demand BOD at 27°C for 3 days	7.0	mg/L	NS	APHA 2510 B, 23 <sup>rd</sup> Ed.2017
7	Chemical Oxygen Demand COD	21.0	mg/L	NS	IS 3025 (Part 58):2006
8	Total Dissolved Solids TDS	966.0	mg/L	2100	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
9	Total Hardness (as CaCO <sub>3</sub> )	848.0	mg/L	NS	IS 3025 (Part 21):2009
10	Total Alkalinity (as CaCO <sub>3</sub> )	289.0	mg/L	NS	IS 3025 (Part 23):1986
11	Chloride (as Cl)	253.0	mg/L	600	APHA 4500 Cl 23 <sup>rd</sup> Ed.2017
12	Calcium (as Ca)	236.0	mg/L	NS	IS 3025 (Part 40) 1991
13	Magnesium (as Mg)	62.0	mg/L	NS	IS 3025 (Part 46) 1994
14	Sodium (as Na)	186.0	mg/L	NS	APHA 3500 Na B, 23 <sup>rd</sup> Ed.2017
15	Potassium (as K)	9.0	mg/L	NS	APHA 3500 K B, 23 <sup>rd</sup> Ed.2017
16	% Na (Max)	56.19	%	60	By Calculation
17	Sodium Absorption Ratio	3.6	--	26	By Calculation
18	Residual Sodium Carbonate	1.9	Meq/l	2.5	By Calculation

➤ Remark- The above water sample is Comply with required limit as per 10500:2012.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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**ANNEXURE 3: HEALTH CHECKUP RECORDS**



## FORM NO. 7

(Prescribed under Rule 18 (7))

## HEALTH REGISTER

(In Respect of Persons Employed in Occupations Declared To be Dangerous.) Under sections 87

Name Of Certifying Surgeon :  
(a) DR. MILIND DESHPANDE

(b) Dr. \_\_\_\_\_

From : \_\_\_\_\_  
To : \_\_\_\_\_  
From : \_\_\_\_\_  
To : \_\_\_\_\_

Note:-

(i) Column 8 - Detailed summary of reason for transfer or discharge should.

(ii) Column 11 - should be expressed as Fit / Unfit / Suspended

BARAMATI AGRO LIMITED, DISTILLERY DIVISION, AT POST-SHETPHALGADE, TAL- INDAPUR, DIST- PUNE, MAHARASHTRA 413130

Sr. No	Works No.	Name Of Worker	Sex	Age (last Birth Day)	Date of Employment of Present Work	Date of Leaving or Transfer to other Work	Reason for Leaving or Transfer Discharge	Nature of Job or Occupation	Raw Material or By Product Handled	Dates of Medical Examination by Certifying Surgeon & Result Of Medical Examination	If Suspended from Work State Period of Signature of Certifying Surgeon. Detailed Reason.	If Certified Fit to resume duty on with Signature of Certifying Surgeon.	If Certificate of Unfitness or Suspension on issued to worker.	Signature with date Certifying Surgeon.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	12201	DESHPANDE VAIBHAV KESHAV	MALE	31	01.10.2014	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
2	12131	MALAWADE VIJAYSINGH BHAGWAN	MALE	49	27.06.2008	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
3	17631	GAWAND AMBADAS SITARAM	MALE	41	09.09.2021	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
4	14734	BALGUDE SACHIN SHIVAJI	MALE	31	01.09.2017	NA	NA	INSTRUMENT	NA	13-10-2021	MEDICALLY FIT	NA		
5	15712	JAGTAP BHAUSAHEB DEVDAS	MALE	30	01.11.2018	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
6	13185	GOMDE GOVIND VISHWANATH	MALE	40	16.03.2015	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
7	12366	KANHERKAR RAMCHANDRA BAPUR	MALE	48	01.04.2013	NA	NA	MAINTENANCE	NA	13-10-2021	MEDICALLY FIT	NA		
8	17770	KANHERKAR VAIBHAV DILIP	MALE	30	02.10.2021	NA	NA	PRODUCTION	NA	13-10-2021	MEDICALLY FIT	NA		
9	17254	SAWANE NISHANT BABASO	MALE	25	20.02.2021	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
10	17255	KUMBHAR ABHIJIT SHIVAJI	MALE	22	20.02.2021	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
11	17287	SURWASE HARSHAD LIMBRAI	MALE	26	16.03.2021	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
12	17494	BHOSALE SWAPNIL SHIVAJI	MALE	33	17.07.2021	NA	NA	MAINTENANCE	NA	13-10-2021	MEDICALLY FIT	NA		
13	12362	SAPKAL BHAUSO VASANTRAO	MALE	44	01.04.2013	NA	NA	MAINTENANCE	NA	13-10-2021	MEDICALLY FIT	NA		
14	12141	GURAV KIRAN BABAN	MALE	39	01.01.2010	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
15	13657	KADAM HANUMANT KRUSHNA	MALE	31	15.02.2016	NA	NA	MAINTENANCE	NA	13-10-2021	MEDICALLY FIT	NA		
16	12363	KALGAONKAR SURESH SAKHARAM	MALE	44	01.04.2013	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
17	16021	PAWAR TATYASAHEB BALASAHEB	MALE	34	15.05.2019	NA	NA	MAINTENANCE	NA	13-10-2021	MEDICALLY FIT	NA		
18	17751	GALANDE PRAMOD VASANT	MALE	28	01.10.2021	NA	NA	PRODUCTION	NA	13-10-2021	MEDICALLY FIT	NA		
19	17687	GOSAVI SANDIP SHIVAJI	MALE	25	23.09.2021	NA	NA	PROCESS	NA	13-10-2021	MEDICALLY FIT	NA		
20	17313	JINKALWAD SHIVAJI PARASRAM	MALE	34	03.05.2021	NA	NA	MAINTENANCE	NA	13-10-2021	MEDICALLY FIT	NA		

Dr. Milind Deshpande  
 Authorised Certifying Surgeon  
 Under Section 10 (2) Act. 1948)  
 For - Pune District From  
 26th Oct 2020 to 25th Oct. 2022  
 (Authorised Certifying Surgeon No.ACS24-MD/2013)

**Deogiri**Occupational Health Center  
Safety Health Awareness**Dr. Milind Deshpande**Authorised Certifying Surgeon  
(Under Section 10(2) Factory Act 1948)1, Asavari Soc., Near Dada Saheb Gaikwad Sabhagruh,  
Bhabha Nagar, Mumbai Naka, Nashik - 422001  
Email : dohc.nsk@gmail.com Website : www.dohc.in**ANNUAL MEDICAL CHECK-UP REPORTS****BARAMATI AGRO LIMITED.**SUGAR DIVISION UNIT NO.1, AT POST- SHETPHALGADE,  
TAL- INDAPUR, DIST- PUNE, MAHARASHTRA 413130  
PHONE - 02112 221001, WEB - www.baramatiagro.com**MEDICAL EXAMINATION REPORT**

MEDICAL CHECK-UP DATE- 14.10.2021

TEST CODE NO: 271

NAME: SHINDE SUNIL SHAHAJIRAO

EMPLOYEE ID: 11141

AGE: 56

GENDER: MALE

COMPANY'S NAME: BARAMATI AGRO LIMITED.

DEPT NAME: PRODUCTION

**PHYSIOLOGICAL DATA**

ACTUAL WEIGHT: 77 kgs ACTUAL HEIGHT: 158 cms

**GENERAL EXAMINATION**PULSE: 130 /Min BODY MASS INDEX (BMI)  
B.P: 154/97 Mm of Mercury 30.8 18-25 NORMAL**SYSTEMIC EXAMINATION**

RESPIRATORY	CHEST	: NORMAL	BREATH SOUND: NORMAL
	RALES	: NORMAL	RONCHI : NO
CARDIOVASCULAR	MURMURS	: NO	HEART SOUND : NORMAL
ABDOMEN	LIVER	: NP	SPLEEN : NP
GENITO URINARY	HERNIA	: NAD	EXTERNAL GENITALIA: NAD
LYMPHATIC & ENDOCRINE	LYMPH NODES:	NP	THYROID : NAD
MUSCULO SKELETAL	BONES	: NAD	JOINTS : NAD
NERVOUS SYSTEM	SENSORY SYSTEM: NAD		REFLEXES : NAD
	MOTOR SYSTEM: NAD		

**VISION**

VISION	WITHOUT GLASSES		WITH GLASSES		COLOUR BLINDNESS
	NEAR	FAR	NEAR	FAR	
RIGHT EYE	N 24	6 / 12	6	6	NO
LEFT EYE	N 24	6 / 12	6	6	

VISION REMARK : NORMAL  
 ADVICE : CONSULT WITH PHYSICIAN FOR B.P  
 ELECTROCARDIOGRAM (ECG) : REPORTS ENCLOSED  
 BLOOD REPORT : REPORTS ENCLOSED  
 RESULT : NORMAL





1, Asavari Soc., Near Dada Saheb Gaikwad Sabhagruh,  
Bhabha Nagar, Mumbai Naka, Nashik - 422001  
Email : dohc.nsk@gmail.com Website : www.dohc.in

### TEST REPORT

Patient Name: <b>SHINDE SUNIL SHAHAJIRAO</b>	Sample ID : <b>271</b>	Sampling Date : 14-Oct-21 Registration Date : 14-Oct-21
Age: 56 Years      Sex: MALE		

### Complete Blood Count

TEST DESCRIPTION	VALUES OBTAINED	REFERENCE RANGES
<b>Haemoglobin(Hgb)</b> Iron deficiency & therefore of hb leads to anemia and decreased ability to carry oxygen to body tissues.	: <b>14.3</b>	13 -- 17 gms/dl
<b>Erythrocyte Count (RBC)</b> Low levels cause anemia and are associated fatigue.	: <b>5.41</b>	4.5 -- 5.5 million per c.u. mm.
<b>Hematocrit (HCT)</b> Percent of whole blood that is comprised of red blood cells.	: <b>46.8</b>	40 -- 50
<b>MCV</b>	: <b>93.1</b>	83 -- 99
<b>MCH</b>	: <b>32.1</b>	27 -- 32 pico-grams
<b>MCHC</b>	: <b>34.8</b>	31.5 -- 34.5 Percent
<b>RDW-CV</b>	: <b>13.2</b>	10.6 -- 14.9 fl.
<b>White Blood Cells_</b>		
<b>Leucocyte Count   WBC</b> Low levels associated with risk of infection; high levels indicates possible infection.	: <b>6100</b>	4000 -- 10000 per cu. mm.
<b>Differential Counts %_</b>		
<b>Neutrophils</b> These cells provide primary defense against bacterial infection.	: <b>57</b>	40 -- 80
<b>Eosinophils</b> A high number indicates allergies or parasitic infections.	: <b>4</b>	0 -- 6 percent
<b>Lymphocytes</b>	: <b>36</b>	20 -- 40
<b>Basophils</b> Control inflammation and damage of tissues in the body.	: <b>00</b>	0 -- 2 percent
<b>Monocytes</b> Germ eating cells. low number can increase risk of getting sick from an infection.	: <b>3</b>	2 -- 10
<b>Platelet Count</b> Helps blood clotting in order to stop bleeding from injury.	: <b>264000</b>	150000 -- 400000 per cu. mm.
<b>PDW</b>	: <b>18.9</b>	12 -- 25
<b>MPV</b>	: <b>15.3</b>	8 -- 15
Technology: Fully Automated & Interfaced Cell Counter		

### Complete Urine Analysis

TEST DESCRIPTION	VALUES OBTAINED	Microscopic Findings	VALUES OBTAINED
<b>Colour</b>	: Pale Yellow	<b>TEST DESCRIPTION</b>	<b>VALUES OBTAINED</b>
<b>Appearance</b>	: Clear	<b>Red Blood Cells (per hpf.)</b>	: Absent
<b>Reaction (pH)</b>	: Acidic	<b>Pus cells (per hpf.)</b>	: 1-2
<b>Specific Gravity</b>	: 1.010	<b>Epithelial Cells</b>	: 1-2
<b>Protein</b>	: Negative	<b>Casts</b>	: Absent
<b>Glucose</b>	: Negative	<b>Crystals</b>	: Absent
<b>Acetone</b>	: Absent	<b>Amorphous Material</b>	: Absent
<b>Blood</b>	: Absent	<b>Mucous Threads</b>	: Absent
<b>Urobilinogen</b>	: Normal	<b>Bacteria</b>	: Not seen
<b>Bile Salts</b>	: Not seen	<b>Yeast Cells</b>	: Not seen
<b>Bile pigments</b>	: Nil		



**Deogiri**

Occupational Health Center  
Safety Health Awareness

**Dr. Milind Deshpande**

Authorised Certifying Surgeon  
(Under Section 10(2) Factory Act 1948)

1, Asavari Soc., Near Dada Saheb Gaikwad Sabhagruh,  
Bhabha Nagar, Mumbai Naka, Nashik - 422001  
Email : dohc.nsk@gmail.com Website : www.dohc.in

**TEST REPORT**

Patient Name: <b>SHINDE SUNIL SHAHAJIRAO</b>	Sample ID: <b>271</b>	Sampling Date : 14-Oct-21 Registration Date 14-Oct-21
Age: 56 Years      Sex: MALE		

**BLOOD GROUP**

TEST DESCRIPTION	VALUES OBTAINED	REFERENCE RANGE
Rh(D) and Blood Group Method: Slide Agglutination	: "O" Rh POSITIVE	
Note: Confirmation by tube method or reverse grouping if requested Grouping & Rh factor done in bulk if any changes kindly recheck		

**BLOOD SUGAR RANDOM**

TEST DESCRIPTION	VALUES OBTAINED	REFERENCE RANGE
Random Blood Glucose	: 134	70 -- 140 mg /dl
Random Urine Glucose	: Nil	
Urine Acetone (Random sample)	: Nil	



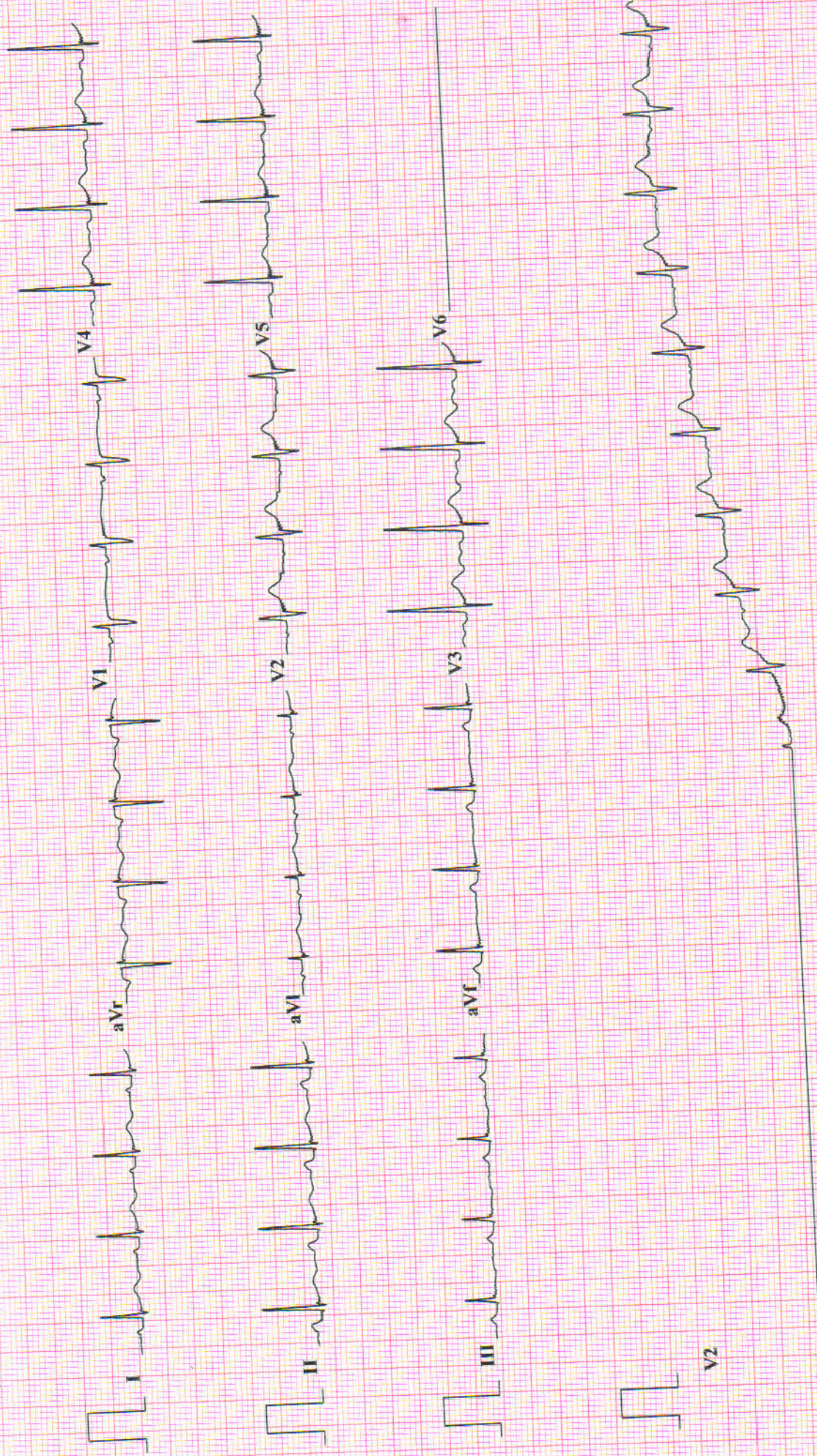
Linked Median

Speed : 25 mm/s  
Sensitivity : 10 mm/mV

P Duration : 82 ms  
PR Duration : 142 ms  
QRS Duration : 72 ms  
QT Interval : 280 ms  
QTc Interval : 341 ms  
RATE : 103 bpm  
PRP : N/A  
P Axis : 65 deg.  
QRS Axis : 55 deg.  
T Axis : 37 deg.

MR. SUNIL SHINDE  
ID : 271  
AGE/SEX : 55 Yr / M  
HT/WT : 158 Cm / 77 Kg  
DATE : 14/10/2021

REFBY : Dr.  
MACHINE INTERPRETATION : Sinus Tachycardia.



Dr.





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Bhabha Nagar, Mumbai Naka, Nashik - 422001  
Email : dohc.nsk@gmail.com Website : www.dohc.in

**ANNUAL MEDICAL CHECK-UP REPORTS**  
**BARAMATI AGRO LIMITED.**  
SUGAR DIVISION UNIT NO.1, AT POST- SHETPHALGADE,  
TAL- INDAPUR, DIST- PUNE, MAHARASHTRA 413130  
PHONE - 02112 221001, WEB - www.baramatiagro.com

**MEDICAL EXAMINATION REPORT**

MEDICAL CHECK-UP DATE- 14.10.2021  
NAME: SHARMA AMIT OM SHANKAR  
AGE: 31  
COMPANY'S NAME: BARAMATI AGRO LIMITED.

TEST CODE NO: 272  
EMPLOYEE ID: 14837  
GENDER: MALE  
DEPT NAME: PRODUCTION

**PHYSIOLOGICAL DATA**

ACTUAL WEIGHT: 79 kgs ACTUAL HEIGHT: 163 cms

**GENERAL EXAMINATION**

PULSE: 105 /Min BODY MASS INDEX (BMI)  
B.P: 134/95 Mm of Mercury 29.7 18-25 NORMAL

**SYSTEMIC EXAMINATION**

RESPIRATORY	CHEST	: NORMAL	BREATH SOUND: NORMAL
	RALES	: NORMAL	RONCHI : NO
CARDIOVASCULAR	MURMURS	: NO	HEART SOUND : NORMAL
ABDOMEN	LIVER	: NP	SPLEEN : NP
GENITO URINARY	HERNIA	: NAD	EXTERNAL GENITALIA: NAD
LYMPHATIC & ENDOCRINE	LYMPH NODES: NP	THYROID	: NAD
MUSCULO SKELETAL	BONES	: NAD	JOINTS : NAD
NERVOUS SYSTEM	SENSORY SYSTEM: NAD		
	MOTOR SYSTEM: NAD REFLEXES : NAD		

**VISION**

VISION	WITHOUT GLASSES		WITH GLASSES		COLOUR BLINDNESS
	NEAR	FAR	NEAR	FAR	
RIGHT EYE	N 6	6 / 6	-	-	NO
LEFT EYE	N 6	6 / 6	-	-	

VISION REMARK : NORMAL  
ADVICE : NORMAL  
ELECTROCARDIOGRAM (ECG) : REPORTS ENCLOSED  
BLOOD REPORT : REPORTS ENCLOSED  
RESULT : NORMAL





# Deogiri

Occupational Health Center  
Safety Health Awareness

## Dr. Milind Deshpande

Authorised Certifying Surgeon  
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Bhabha Nagar, Mumbai Naka, Nashik - 422001  
Email : dohc.nsk@gmail.com Website : www.dohc.in

### TEST REPORT

Patient Name: <b>SHARMA AMIT OM SHANKAR</b>	Sample ID <b>272</b>	Sampling Date : 14-Oct-21 Registration Date 14-Oct-21
Age: 31 Years Sex: MALE		

### Complete Blood Count

TEST DESCRIPTION	VALUES OBTAINED	REFERENCE RANGES
Haemoglobin(Hgb) Iron deficiency & therefore of hb leads to anemia and decreased ability to carry oxygen to body tissues.	: <b>14.6</b>	13 -- 17 gms/dl
Erythrocyte Count (RBC) Low levels cause anemia and are associated fatigue.	: <b>5.75</b>	4.5 -- 5.5 million per c.u. mm.
Hematocrit (HCT) Percent of whole blood that is comprised of red blood cells.	: <b>45.4</b>	40 -- 50
MCV	: <b>92.5</b>	83 -- 99
MCH	: <b>32.4</b>	27 -- 32 pico-grams
MCHC	: <b>35.2</b>	31.5 -- 34.5 Percent
RDW-CV	: <b>12.5</b>	10.6 -- 14.9 fl.
White Blood Cells_ Leucocyte Count   WBC Low levels associated with risk of infection; high levels indicates possible infection.	: <b>6500</b>	4000 -- 10000 per cu. mm.
Differential Counts %_ Neutrophils These cells provide primary defense against bacterial infection.	: <b>58</b>	40 -- 80
Eosinophils A high number indicates allergies or parasitic infections.	: <b>3</b>	0 -- 6 percent
Lymphocytes	: <b>36</b>	20 -- 40
Basophils Control inflammation and damage of tissues in the body.	: <b>00</b>	0 -- 2 percent
Monocytes Germ eating cells, low number can increase risk of getting sick from an infection.	: <b>3</b>	2 -- 10
Platelet Count Helps blood clotting in order to stop bleeding from injury.	: <b>230000</b>	150000 -- 400000 per cu. mm.
PDW	: <b>19</b>	12 -- 25
MPV	: <b>7.5</b>	8 -- 15
Technology: Fully Automated & Interfaced Cell Counter		

### Complete Urine Analysis

TEST DESCRIPTION	VALUES OBTAINED	Microscopic Findings	VALUES OBTAINED
Colour	: Dark Yellow	TEST DESCRIPTION	
Appearance	: Clear	Red Blood Cells (per hpf.)	: Absent
Reaction (pH)	: Acidic	Pus cells (per hpf.)	: 1-2
Specific Gravity	: 1.010	Epithelial Cells	: 1-2
Protein	: Negative	Casts	: Absent
Glucose	: Negative	Crystals	: Absent
Acetone	: Absent	Amorphous Material	: Absent
Blood	: Absent	Mucous Threads	: Absent
Urobilinogen	: Normal	Bacteria	: Not seen
Bile Salts	: Not seen	Yeast Cells	: Not seen
Bile pigments	: Nil		



**Deogiri**

Occupational Health Center  
Safety Health Awareness

**Dr. Milind Deshpande**

Authorised Certifying Surgeon  
(Under Section 10(2) Factory Act 1948)

1, Asavari Soc., Near Dada Saheb Gaikwad Sabhagruh,  
Bhabha Nagar, Mumbai Naka, Nashik - 422001  
Email : dohc.nsk@gmail.com Website : www.dohc.in

**TEST REPORT**

Patient Name: SHARMA AMIT OM SHANKAR	Sample ID: 272	Sampling Date : 14-Oct-21 Registration Date 14-Oct-21
Age: 31 Years      Sex: MALE		

**BLOOD GROUP**

TEST DESCRIPTION	VALUES OBTAINED	REFERENCE RANGE
Rh(D) and Blood Group Method: Slide Agglutination	: "A" Rh POSITIVE	
Note: Confirmation by tube method or reverse grouping if requested Grouping & Rh factor done in bulk if any changes kindly recheck		

**BLOOD SUGAR RANDOM**

TEST DESCRIPTION	VALUES OBTAINED	REFERENCE RANGE
Random Blood Glucose	: 123	70 -- 140 mg /dl
Random Urine Glucose	: Nil	
Urine Acetone (Random sample)	: Nil	



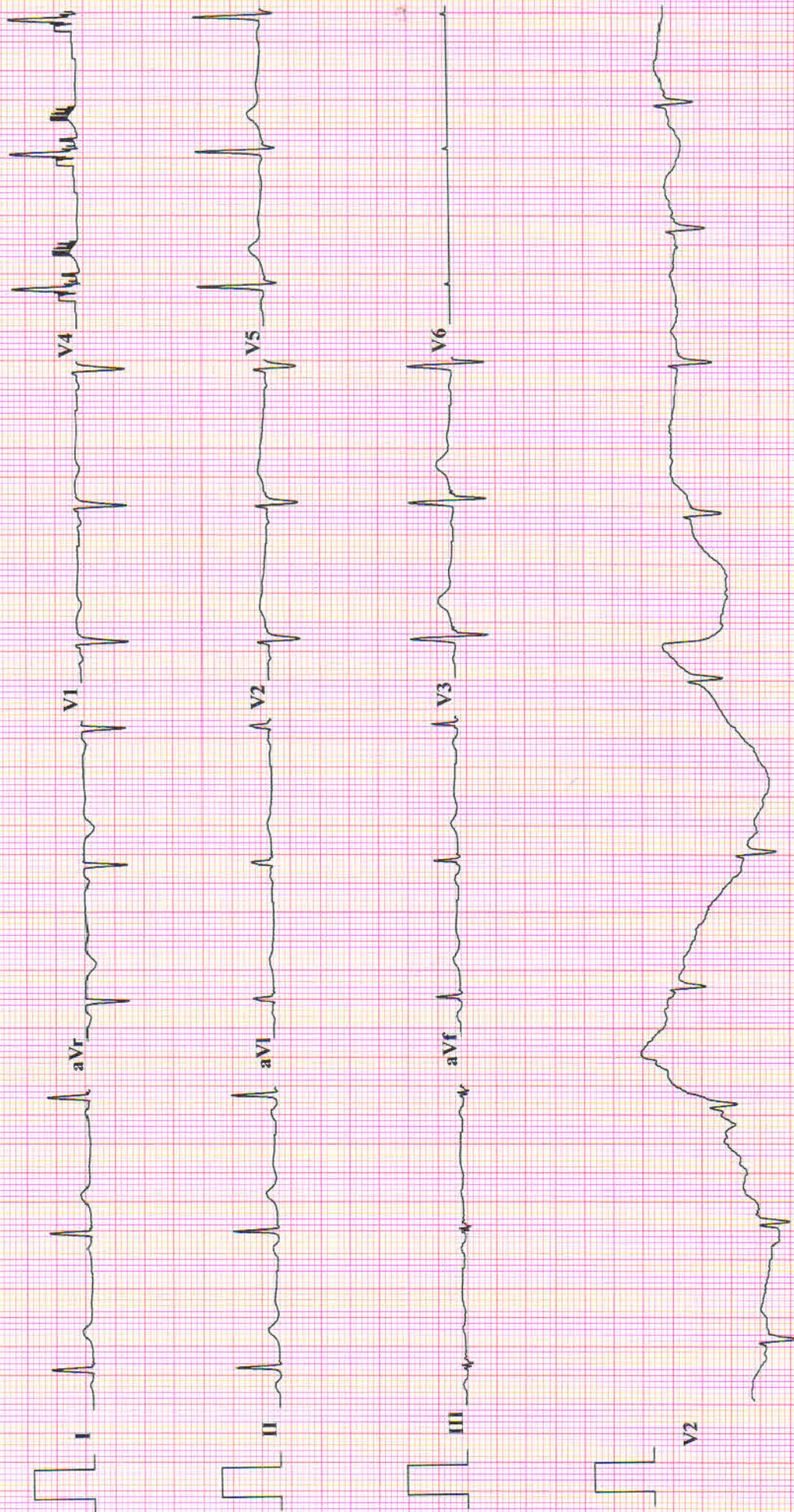
Linked Median  
Speed : 25 mm/s  
Sensitivity : 10 mm/mV

P Duration : 119 ms  
PR Duration : 148 ms  
QRS Duration : 76 ms  
QT Interval : 373 ms  
QTc Interval : 385 ms

RATE : 65 bpm  
BP : N/A  
P Axis : 69 deg.  
QRS Axis : 31 deg.  
T Axis : 51 deg.

MR. AMIT SHARMA  
ID : 272  
AGE/SEX : 31 Yr / M  
HT/WT : 163 Cm / 79 Kg  
DATE : 14/10/2021


REFBY : Dr.  
MACHINE INTERPRETATION : Normal ECG.



Dr.



## **ANNEXURE 4: MOCK DRILL REPORT**

		IMS Sugar Unit -1 Manual	BA/SG1/IP/02/02
			Page 1 of 2
Issue No: 1	Issue. Date: 27.12.2018	<b>Mock drill report</b>	Prepared by: MVJ
Rev. No: 0	Rev. Date:26.12.2021		Approved by: PSJ

**Div - Sugar Unit 1**


**Location:** SDS/RS Tank farm

**Date:** 30.12.2021

**Scenario:** Fire to Ethyl alcohol

Sr. No.	Time (hrs)	Event action	Action by
1.	16:38	It is supposed that, Ethyl alcohol got overflow while filling the tanker and spilled material caught fire. Warehouse employees working nearby area applied fire extinguishers on the fire.	Ganesh Kadam
2.	16:40	Fire was not extinguished, informed to Main security gate, which is declared as an Emergency Control Center.	Dattatray Pol
3.	16:41	Security in charge passed information to Incident Controller	Laxman Yadav
4.	16:44	Incident controller reported at site, assessed the condition and decided to declare an emergency. He informed security to blow emergency siren in yeilling mode	Rohit Jujar
5.	16:45	Security passed information to Main Controller and other key persons	Laxman Yadav
6.	16:48	After getting the information Main controller reported at ECC and asked to close the main gate and send fire tender and ambulance at incident site	Prakash Bhutekar
7.	16:48	Fire fighting and First aid team reached at site and started cooling to storage tanks by operating the monitors as per instructions of Incident Controller	Prakash Khandagale Amit Gaikwad Vaibhav Matre Anand Shinde
8.	16:51	Fire was extinguished and same was ensured by the and same communicated with Main Controller	Rohit Jujar
9.	16:53	Head count taken and verified with the record	Prakash Kokate
10.	16:55	Incident Controller asked Main Controller to declare an all clear by giving long siren	-----
11.	16:56	All clear siren activated after getting the information from Incident Controller	Laxman Yadav

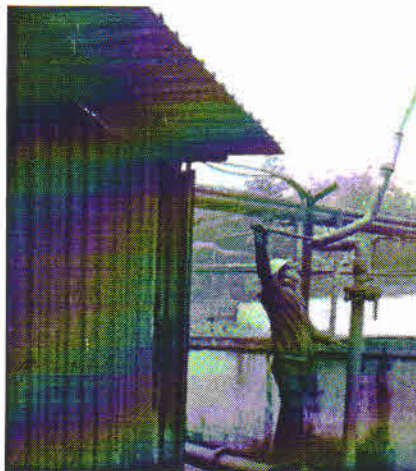


		IMS Sugar Unit -1 Manual	BA/SG1/IP/02/02
			Page 2 of 2
Issue No: 1	Issue. Date: 27.12.2018	<b>Mock drill report</b>	Prepared by: MVJ
Rev. No: 0	Rev. Date:26.12.2021		Approved by: PSJ

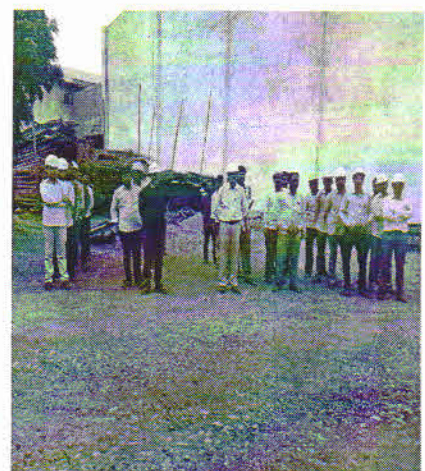
### Observations:

Sr. No.	Observation	Recommendation	Responsibility	Target date	Status
1.	Water tanker parked near the tank which obstructed fire tender movement	Instructed to remove Parked vehicles to be removed from incident site	HoD/Safety	Immediate	Completed
2.	Some employees not reported at assembly point	Awareness imparted to employees to report assembly point.	Safety	Immediate	Completed

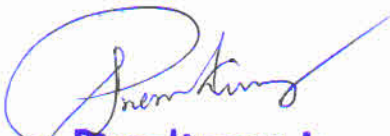
Total head count: 54



Fire fighting by team



Conclusion meeting at assembly point

  
**Premkumar J.,**  
 General Manager  
 Baramati Agro Ltd.,  
 (Sugar Division)

**ANNEXURE 5: COPY OF CONSENT TO  
ESTABLISH**

## MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and 4th  
floor, Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (E),  
Mumbai-400022

No:- Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000114621/CE - 21100000 S1

Date: 04/10/2021

To,  
Baramati Agro Limited  
98,99,Shetphalgadhe, Indapur,Pune



Your Service is Our Duty

**Sub:** Consent to establish for expansion of Sugar unit from 9000 TCD to 18000 TCD capacity and Cogeneration from 30 MW to 70 MW i.e expansion by 9000 TCD & 40 MW cogeneration

**Ref:** 1. Renewal of Consent granted by the Board vide No. CACCELL/UAN NO. 0000049921/CR1909000466 dtd. 16.09.2019.  
2. Environmental Clearance vide no. IA- J-11011/106/2016-IA-II (I) DTD.26.08.2021.  
3. Minutes of CAC Meeting dtd. 20.08.2021.

Your application No.MPCB-CONSENT-0000114621 Dated 25.05.2021

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Consent to Establish is granted for a period up to commissioning of the unit or up to 31.08.2026 whichever is earlier.
2. The capital investment of the industry is Rs.130 Crs. (As per C.A Certificate submitted by industry).
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
1	Electric Power ( Co-generation )	40	MW
2	Refined Sugar	29700	MT/M
3	Sugarcane Syrup	30000	MT/M
4	B-Heavy Molasses	16200	MT/M
5	C- Heavy Molasses	10800	MT/M
6	Pressmud	10800	MT/M
7	Bagasse	81000	MT/M





# Maharashtra Pollution Control Board

## 615aa4aa7060564eb1659d5c

#### 4. Conditions under Water (P&CP) Act, 1974 for discharge of effluent:

Sr No	Description	Permitted in CMD	Standards to	Disposal
1.	Trade effluent	400	As per Schedule -I	On land for irrigation
2.	Domestic effluent	10	As per Schedule - I	On land for gardening

#### 5. Conditions under the Air (P& CP) Act, 1981 for air emissions:

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	Boiler (110 TPH)	1	As per Schedule -II
2	Boiler (50 TPH)	1	As per Schedule -II

(As per previous consent of existing unit)

#### 6. Conditions about Non Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	ETP Sludge	2000	Kg/Annum	Composting	Composting
2	Boiler Ash	250	MT/M	Composting	Composting

#### 7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2008 for treatment and disposal of hazardous waste:

Sr No	Type of Waste	HW Category.	Quantity & UoM	Treatment	Disposal
1	5.1 Used or spent oil	5.1	1 Lit/Day	Recycle	Sale to authorized recycler

The applicant shall ensure disposal to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- The applicant shall comply with the conditions of the Environmental Clearance vide no. IA- J-11011/106/2016-IA-II (I) DTD.26.08.2021.
- Industry shall connect online CMS data as per CPCB guidelines to CPCB & MPCB Servers.
- Industry shall stop production activity voluntarily in case of failure of operation and maintenance of the ETP system as preventive measures.
- Industry shall extend all existing BGs towards O&M of pollution control systems and towards compliance of the Consent conditions.
- This consent is issued as per the Consent Appraisal Committee meeting dated 20.08.2021.
- The 1st consent to operate for expansion shall be consider only after submission of NOC from CGWA/Irrigation department for use of ground water/surface water.

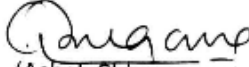


# Maharashtra Pollution Control Board

## 615aa4aa7060564eb1659d5c

16. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary

**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	260000.00	TXN2105001974	25/05/2021	Online Payment

**Copy to:**

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC/CAC Desk for record & website updation purposes.



**SCHEDULE-I**

**Terms & conditions for compliance of Water Pollution Control:**

- 1) A] As per your application, you have provided Effluent treatment plant of designed capacity 1000 CMD consisting of Primary, secondary & tertiary system. You have submitted that the wastewater generation of existing unit is reduced to 450 CMD. The effluent generation from expansion will be 450 CMD. As per your submission existing ETP will be sufficient for Existing & Expansion.
- B] Industry shall provide CPU for recycle/reuse of treated effluent.
- C] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	5.5-9.0
(2)	Oil & Grease	10
(3)	BOD (3 days 27°)	100
(4)	Sulphate	1000
(5)	Suspended Solids	100
(6)	COD	250
(7)	Chloride	600
(8)	Total Dissolved Solids	2100

- D] The treated effluent 400.00 CMD shall be disposed on land for irrigation on 10.00 hectares of own land /as per the bilateral agreement with farmers. In no any case treated/untreated effluent shall find its way outside the factory premises directly or indirectly.
- E] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server.
- F] Trade effluent of 50.00 CMD generated from Co-gen shall be 100% recycle in process.
- G] CREP conditions for Sugar Factory
- Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.
  - Waste water generation shall be reduced to 100 liters per tone of cane crushed.
  - Industry shall achieve zero discharge into in land surface water bodies.
  - 15 days' storage capacity tank shall be provided for treated effluent to take care during no demand for irrigation.





H] Industry to make necessary arrangement to cover the effluent collection system and to avoid the ingress of Bagasse and other material.

I] The unit shall operate ETP even after completion of the crushing season so that any effluent generated during washing & maintenance activity is to be discharged after proper treatment.

J] The unit shall optimize water use in industrial process & maintain records.

2) A] As per your application, you have provided septic tank and soak pit for the treatment of 0 CMD sewage.

B] The applicant shall operate sewage treatment system to treat sewage so as to achieve the following standards/ prescribed under EP Act 1986 and rules made under time to time, whichever is stringent.

1	Suspended Solids	Not to exceed	100 mg/l
2	BOD 3 days (27°C)	Not to exceed	100 mg/l

C] The treated sewage shall be 100% reused/recycled for gardening purpose within premise. In no any case, sewage shall find its way outside Company's premises.

3) The industry shall have bilateral agreement with the farmers on whose land the treated effluent is used for irrigation purposes and a copy of the agreements with validity shall be submitted to the Regional/Sub- Regional Office of the Board.

4) The industry shall create Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.

5) CONDITIONS FOR MOLASSES STORAGE:

(i) The molasses shall be properly collected and stored in steel tanks which shall be leak proof. At no stage of handling of molasses, there shall be leakage or spillage.

(ii) The capacity of tanks for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.

(iii) All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/ molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.

(iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.

(v) The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tonnes shall be displayed prominently near /on the tank.

(vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Molasses Storage and Supply Regulation, 1965".



# Maharashtra Pollution Control Board

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- 6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines if applicable.
- 7) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- 8) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 9) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters, and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	350.00
2.	Domestic purpose	25.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	300.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Grandening	0

Fresh water consumption will 350 CMD.

- 10) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

### SCHEDULE-II

#### **Terms & conditions for compliance of Air Pollution Control:**

- 1) **As per your application, you have provided the Air pollution control (APC) system and erected following stack(s) and observe the following fuel pattern-**

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO <sub>2</sub>
1	Boiler (110 TPH)	ESP	65	Bagasse	1080 MT/Day	0.20	4320.00
2	Boiler (50 TPH)	ESP	65	Bagasse	572 MT/Day	0.20	2286.00

(As per previous consent of existing unit)

- 2) **The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.**



# Maharashtra Pollution Control Board

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1 The Applicant shall provide ESP/ Bag filter/ Wet scrubber to the Bagasse fired boiler and Dust Collector to Sugar bagging section as an Air Pollution control equipments OR as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.

2 The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm3
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3 The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

4 The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

5 Industry should not use auxiliary fuel more than 15 % (as per amendment in EIA Notification 2009, power plant upto 15 MW based on Bio-mass and using auxiliary fuel as coal upto 15% are exempt.) as co-gen capacity is below 15 MW.

3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

### SCHEDULE-III

#### Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E	2500000	15 days	Towards compliance of Consent & Environmental Clearance conditions.	COU	Up to 1st operate

#### BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						





**SCHEDULE-IV**

**General Conditions:**

- 1 The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 3 Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment, the production process connected to it shall be stopped.
- 4 The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 5 The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 6 The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 7 An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 8 The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 9 The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 10 The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 11 The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 12 Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.



- 13 The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW(M&TM) Rules 2016, which can be recycled/processed/ reused/ recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/ reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 14 Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 15 Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 16 Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
17. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 18 The industry should not cause any nuisance in surrounding area.
- 19 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 20 The applicant shall maintain good housekeeping.
- 21 The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 22 The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.



# Maharashtra Pollution Control Board

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- 23 The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 24 The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

For and on behalf of the  
Maharashtra Pollution Control Board,

  
(Ashok Shingare <sup>IAS</sup>),  
Member Secretary



## **ANNEXURE 6: ADVERTISE IN NEWSPAPER**



Indian Express = 23/10/21

**GOVERNMENT OF TELANGANA  
IRRIGATION & CAD DEPARTMENT  
IRRIGATION CIRCLE, MALL, NALGONDA DIST.**

Tender is invited by the Irrigation Circle, Mall (V), Chinthapally (M), Nalgonda Dist. vide Tender Notice No. 07/SE/2021-22, Dated, 21.10.2021 for the work of "Construction of (3 nos) Lift Irrigation Schemes Viz. (1) Ambabhavani LIS on foreshore of Nagarjuna Sagar Reservoir, near Vizag Colony, Verudugummu (M), (2) Kambalapally LIS on foreshore of Nagarjuna Sagar Reservoir, at Kambalapally (V), Chandampet (M) and (3) Pogilla Lift Irrigation Scheme on Krishna River near Pogilla, Chandampet (M) in Nalgonda District for an ECV 328.60 Crores is available from 23.10.2021 at 11:00 AM to 10.11.2021 at 05:00 PM.

For further details see in eProcurement website.

Sd/- Superintending Engineer,  
Irrigation Circle, Mall,  
Chinthapally (M), Nalgonda (Dist.)

S.O. No. 17108-PPCL/ADV/T/2021-22  
Date: 22.10.2021

**RAJASTHAN STATE AGRICULTURE MARKETING BOARD**  
Pant Krishi Bhawan, Janpath, Jaipur-302 005  
(Telephone No. 0141-2227914, Fax No. 0141-2227096)  
(Email ID : rsamb@rajasthan.gov.in)

IB No. 08/2021 Date : 20-10-2021

**NOTICE INVITING BIDS (PROPOSALS)**

Single Stage Two Envelop Proposals are invited electronically by Rajasthan State Agriculture Marketing Board (RSAMB) for preparation of Detailed Project Reports for Construction of Agro Processing Clusters (Food Parks) at nine locations in Rajasthan. Brief particulars of the procurement are given below:

Estimated cost of the Services including GST	Last time and date for receiving Bids	Completion Period	Validity period of Proposals	Processing fee for e-procurement	Price of Bidding Document	Amount of Bid Security
Rs. 70 Lakh	6.00 PM of 08/11/2021	Three months	90 Days	Rs. 1000	1,000	Rs. 01.40 Lakh

For complete Bidding Document may be seen at or downloaded from the State Public Procurement portal <http://eppp.rajasthan.gov.in> or e-procurement portal <http://eproc.rajasthan.gov.in> and its non-refundable price may be paid along with processing fee and bid security declaration in lieu of bid security at the time of submission of the bid. The Technical Proposals shall be opened on 09/11/2021 at 02 PM.

aj.Samwad/C21/7551 General Manager (Adm.)

**FORM A  
PUBLIC ANNOUNCEMENT**  
[Under regulation 6 of the Insolvency and Bankruptcy Board of India (Insolvency Resolution Process for Corporate Persons) Regulations, 2016]  
FOR THE ATTENTION OF THE CREDITORS OF SANT DRYANESHWAR HOSPITAL PRIVATE LIMITED

RELEVANT PARTICULARS	
1. Name Of Corporate Debtor	Sant Dyaneshwar Hospital Private Limited
2. Date Of Incorporation Of Corporate Debtor	20/03/2003
3. Authority Under Which Corporate Debtor is Incorporated / Registered	Registrar of Companies, Pune
4. Corporate Identity Number / Limited Liability Identification Number Of Corporate Debtor	U85110PN2003PTC017793
5. Address Of The Registered Office And Principal Office (If Any) Of Corporate Debtor	Sr. No.3, H.No. 6/1, Purple Accord Building Baner Road Pune 411045.
6. Insolvency Commencement Date In Respect Of Corporate Debtor	08/10/2021 (Order received by IRP on 21/10/2021)
7. Estimated date of closure of insolvency resolution process	06/04/2022 (Based on Insolvency Commencement date)
8. Name and registration number of the insolvency professional acting as interim resolution professional	Name: Mr. Mandar Wagh Registration No- IBBI/PA-002/IP-N00450/ 2017-18/11276
9. Address and email of the interim resolution professional, as registered with the board	A2/1502, Saantra Ship, Behind Eklatiya College, Kothrud, Pune-411038 Email: idmandar.wagh@anandchaitanya.com, Contact: 9822844488
10. Address and email ID to be used for correspondence with the interim resolution professional	"Venture" Building, 4th Floor, Paud Road, Near PMT Bus Depot, Kothrud, Pune-411038. Email ID: crip.santdryaneshwarhospital@anandchaitanya.com
11. Last Date For Submission Of Claims	04/11/2021
12. Classes of creditors, if any, under clause (b) of sub-section (6A) of section 21, ascertained by the Interim Resolution Professional	Not Applicable as per the information available with IRP
13. Names of Insolvency Professionals identified to act as Authorised Representative of creditors in a class (Three names for each class)	Not Applicable as per the information available with IRP
14. (a) Relevant Forms and (b) Details of authorized representatives are available at:	Web link: <a href="https://www.ibbi.gov.in/home/downloads">https://www.ibbi.gov.in/home/downloads</a> Physical Address: As mentioned against entry number 10

Notice is hereby given that the National Company Law Tribunal has ordered the commencement of a corporate insolvency resolution process of the Sant Dyaneshwar Hospital Private Limited on 08th October, 2021.

The creditors of Sant Dyaneshwar Hospital Private Limited, are hereby called upon to submit their claims with proof on or before 04th November, 2021 to the interim resolution professional at the address mentioned against entry No. 10.

The financial creditors shall submit their claims with proof by electronic means only. All other creditors may submit the claims with proof in person, by post or by electronic means.

A financial creditor belonging to a class, as listed against the entry No. 12, shall indicate its choice of authorised representative from among the three insolvency professionals listed against entry No. 13 to act as authorised representative of the class [specify class] in Form A.

Submission of false or misleading proofs of claim shall attract penalties.

**संत लॉगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान  
Sant Longowal Institute of Engineering and Technology**  
(Deemed to be University under MoE)  
Longowal-148106, Distt. Sangrur, Punjab

Notification No. 03/2021 Date : 22.10.2021

**APPLICATIONS ARE INVITED  
FOR ENGAGEMENT OF "MEDICAL OFFICER (FEMALE)",  
"DEVELOPER" AND "ASSISTANT TRAINING & PLACEMENT OFFICER"  
PURELY ON CONTRACTUAL BASIS**

Applications in prescribed format are invited for contractual engagement to the positions of Medical Officer (Female) (Remuneration ranging from 56,000/- to 80,000/-), Developer in Administrative Computer Services System (ACSS) and Assistant Training & Placement Officer (Remuneration ranging from 36,000/- to 45,000/-) upto 15.11.2021 by 05:00 P.M. For more details, please visit the Institute website [www.sliet.ac.in](http://www.sliet.ac.in).

REGISTRAR  
(भारत सरकार के अधीन सम विश्वविद्यालय)

**BARAMATI AGRO LIMITED**  
CIN : U01134PN1988PLC045873  
Reg. Office: At Post Pimpali, Taluka Baramati, Baramati - 413102.  
Tel.: +91-02112-663100  
Email: [cs@baramatiagro.com](mailto:cs@baramatiagro.com) | Website: [www.baramatiagro.com](http://www.baramatiagro.com)

**PUBLIC NOTICE**

This is to inform that Expansion of sugar cane Crushing Capacity from 12000 TCD to 18000 TCD & Molasses based distillery from 160 KLPD to Multi feed (B Heavy, Cane Juice, Grains) based 300 KLPD Distillery unit by M/S Baramati Agro Ltd. (Unit - 1) Shetphalgade Village Tal - Indapur, Dist - Pune, 413102. Maharashtra. Has been accorded Environmental clearance Letter is available with the Maharashtra Pollution Control Board & May also be seen on the website of the ministry at <http://parivesh.nic.in>

Sign M/S BARAMATI AGRO LTD.

**TATA POWER DELHI DISTRIBUTION LIMITED**  
A Tata Power and Delhi Government Joint Venture.  
Regd. Office : NDPL House, Hudson Lines, Kingsway Camp, Delhi-110 009  
Tel : 66112222; Fax : 27468042; Email : [TPDDL@tatapower-dcl.com](mailto:TPDDL@tatapower-dcl.com)  
CIN No. : U40109DL2001PLC111526; Website : [www.tatapower-dcl.com](http://www.tatapower-dcl.com)

**NOTICE INVITING TENDERS** Oct 23, 2021

TATA Power-DCL invites tenders as per following details:

Tender Enquiry No., Work Description	Estimated Cost/EMD (Rs.)	Availability of Bid Document	Last Date & Time of Bid Submission/ Date and time of Opening of bids
TPDDL/ENGG/ENQ/200001346/21-22 Rate Contract for Supply of Single Phase Static Energy Meters	6.80 Crs/ 7,10,000	26.10.2021	16.11.2021:1600 Hrs/ 16.11.2021:1615 Hrs
TPDDL/ENGG/ENQ/200001345/21-22 Rate Contract for supply of DT Meter Wiring Kit of various Ratings	1.20 Crs/ 75,000	26.10.2021	16.11.2021:1600 Hrs/ 16.11.2021:1700 Hrs
TPDDL/ENGG/ENQ/200001342/21-22 Rate Contract for procurement of safe & high rise Antenna Masts	85 Lacs/ 2,12,500	26.10.2021	16.11.2021:1600 Hrs/ 17.11.2021:1700 Hrs

Complete tender and corrigendum document is available on our website [www.tatapower-dcl.com](http://www.tatapower-dcl.com) → Vendor Zone → Tender / Corrigendum Documents

Contracts - 011-66112222

**भारतीय कंटेनर निगम लिमिटेड  
Container Corporation of India Ltd.**  
(A Govt. of India Navratna Undertaking)

Regd. Office & Investor Relation Centre: CONCOR Bhawan, C-3, Mathura Road, Opp. Apollo Hospital, New Delhi-110076.  
CIN: L63011DL1983GO030915 Tel. Nos: 41673093-36, 41222500/600760.  
E-mail: [investorrelations@concorindia.com](mailto:investorrelations@concorindia.com) Website: [www.concorindia.co.in](http://www.concorindia.co.in)

**NOTICE OF RECORD DATE FOR INTERIM DIVIDEND**

Notice is hereby given that CONCOR's Board of Directors in its meeting held on 21<sup>st</sup> October, 2021 has fixed Record date as 03<sup>rd</sup> November 2021 (Wednesday) for the purpose of determining the entitlement of members to Interim Dividend @80% (Rs.4.00 per share on equity share of Rs.5/- each), declared by the Board in its aforesaid meeting for the financial year 2021-22. Further, Interim Dividend will be paid:

(i) to those Members whose names will appear in the Register of Members of the Company, after giving effect to all valid Share Transfers in physical form lodged with the Company and its Registrar on or before 03<sup>rd</sup> November 2021; or

(ii) in respect of Shares held in electronic form, to those "deemed members" whose names appear on the Statements of beneficial ownership furnished by National Securities Depository Limited (NSDL) and Central Depository Services (India) Limited (CDSL), at the end of business hours on 03<sup>rd</sup> November 2021.

In order to avail the facility of payment of dividend through Electronic Clearing Service (ECS), members of the Company, holding their shares in Demat mode are requested to submit the duly filled in ECS mandate form to their Depository Participant and those holding physical shares to Company's Share Transfer Agents and Registrar: M/s Beetal Financial & Computer Services (P) Ltd., BEETAL HOUSE, 3<sup>rd</sup> Floor, 99, Madangir, Behind Local Shopping Centre, Near Dada Harsukhdas Mandir, New Delhi-110062. ECS instructions once furnished by the member will supersede all his/her previous bank mandates/details. ECS mandate form is available on Company's website: [www.concorindia.co.in](http://www.concorindia.co.in).

For Container Corporation of India Ltd.



Loksatta 23/10/21

WWW.LOKSATTA.COM

पणे, शनिवार, २३ ऑक्टोबर २०२१

१५



## महात्मा फुले कृषी विद्यापीठ, राहुरी छपाई ई-निविदा सूचना

विस्तार शिक्षण संचालनालय, मफुकुवि. राहुरी यांना कृषिदर्शनी २०२२ छपाई करणे करिता छपाईची ई-निविदा महाराष्ट्र शासनाच्या <https://mahatenders.gov.in> Organisation- Department of Agriculture Department- Mahatma Phule Krishi Vidyapeeth, Rahuri ([www.mpkv.ac.in](http://www.mpkv.ac.in)) या वेबसाईटवर प्रसिद्ध करणेत आली आहे. या निविदेची सविस्तर माहिती व वेळापत्रक सदरील वेबसाईटवर उपलब्ध आहे.

संचालक  
विस्तार शिक्षण  
म.फु.क.वि., राहुरी

## बारामती अॅग्री लिमिटेड

सीआयएन : U01134PN1988PLC045873  
नोंदणीकृत कार्यालय: मु.पोस्ट पिंपरी, तालुका बारामती, बारामती - ४१३१०२.  
फोन : +९१-०२११२-६६३१००  
ई-मेल: [cs@baramatiagro.com](mailto:cs@baramatiagro.com) | संकेतस्थळ: [www.baramatiagro.com](http://www.baramatiagro.com)

## जाहीर नोटीस

मै. बारामती अॅग्री लिमिटेड, मु. पो. शेटफळगडे, ता. इंदापूर, जि. पुणे.,  
पिन - ४१३१०२, महाराष्ट्र. या मिळकतीत साखर कारखान्याची गाळप क्षमता  
१२००० टीसीडी वरून १८००० टीसीडी आणि मोलासेस (मळी)  
आधारित आसवनी प्रकल्प १६० केएलपीडी ते मल्टी फिड  
(बी, हेवी, ऊसाचा रस, धान्य) आधारित ३०० केएलपीडी आसवनी  
विस्तारीकरणासाठी पर्यावरण विषयक मंजूरी देण्यात आली आहे. सदर पर्यावरण  
विषयक मंजूरीची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांचे कार्यालयामध्ये तसेच  
पर्यावरण मंत्रालय यांच्या वेबसाईटवर <http://parivesh.nic.in> येथे उपलब्ध आहे.  
सही मै. बारामती अॅग्री लि.



## पिंपरी चिंचवड महानगरपालिका, पिंपरी, पुणे - ४११०१८

स्थापत्य विभाग

ई-निविदा सूचना क्र.- स्थापत्य/ मुख्यालय/ HO/71/02/2021-2022

पिंपरी चिंचवड महानगरपालिकेकडून खालील नमुद केलेल्या कामासाठी ई टेडरिंग पद्धतीने परसेट रेट निविदा मागविण्यात येत आहे.

- निविदेचा दर भरताना एकूण निविदा रकमेतून रॉयल्टी रकम व मटेरियल टेस्टींग रकम वगळून आलेल्या रकमेवर निविदा दर भरावा.
- प्रचलित दराने GST बिलात अदा केली जाईल त्यामुळे GST वगळून दर द्यावेत. ३. रॉयल्टी बाबत मनपा जे धोरण ठरवेल ते आपणांवर बंधनकारक राहील.

अ. क्र.	कामाचे नाव	एकूण निविदा रकम (4+6)	रॉयल्टी व मटेरियल टेस्टींग रकम वगळून निविदा रकम	रॉयल्टीची रकम	मटेरियल टेस्टींग चार्जेस	बयाणा रकम	अनामत रकम	कामाची मुदत (महिने)	निविदा फॉर्म फी जीएसटीसह (परत न मिळणारी)
1	2	3	4	5	6	7	8	9	10
1.	पिंपरी चिंचवड शहरातील पोसरी नेहरुनगर येथील एमआयडीसी जे ब्लॉक, ओपन स्पेस क्र.56 व निगडी सेक्टर क्र.23 येथील गायशन जागेमध्ये कचरा संकलनासाठी ट्रान्सफर स्टेशन उभारणे अंतर्गत स्थापत्य विषयक कामे करणे	81,196,870	79,564,970	1,660,749	1,631,900	405,984	4,059,850	6	22,523
2.	पिंपरी चिंचवड शहरातील कासारवाडी येथील मैलाशुध्दीकरण केंद्राजवळ, सांगवी स्मशानभूमीजवळ व येथील एम एम शाळेजवळील चिंचवड पुलाजवळ कचरा संकलनासाठी ट्रान्सफर स्टेशन उभारणे अंतर्गत स्थापत्य विषयक कामे करणे	99,134,520	96,689,770	1,346,330	2,444,750	495,673	4,956,730	6	22,523

## निविदेचे वेळापत्रक

ई निविदा उपलब्ध कालावधी	-	दि.23/10/2021 ते दि.08/11/2021
निविदा स्विकृती अंतिम दिनांक व वेळ	-	दि.08/11/2021 दुपारी 03.00 वा.पर्यंत
निविदापूर्व बैठक दिनांक व वेळ	-	दि.28/10/2021 दुपारी 03.00 वा.
निविदापूर्व बैठक स्थळ	-	मा.सह शहर अभियंता कार्यालय, BRTS, पि.चि.मनपा, पिंपरी, पुणे - 411018
निविदा उघडणेचा दिनांक	-	दि.10/11/2021 स.03.00 वा.(शक्य झाल्यास)

कोणतेही कारण न देता निविदा पूर्णतः किंवा अंशतः मंजूर अथवा नामंजूर करण्याचा अधिकार मा.आयुक्त यांनी स्वतःकडे राखून ठेवला आहे. निविदा संचाची विक्री <https://mahatenders.gov.in> या संकेतस्थळावर ई-निविदा सुचनेत नमुद केलेल्या तारखेनुसार सुरू राहिल. सविस्तर निविदा व निविदेबाबतची इतर माहिती खालील संकेतस्थळावर उपलब्ध आहे.

1.[www.pcmcindia.gov.in](http://www.pcmcindia.gov.in) 2.<https://mahatenders.gov.in>

सदरची ई-निविदा प्रणाली चापसबाबत काही तांत्रिक अडचण निर्माण झाल्यास NIC यांचेकडील ई-मेल [support-eproc@nic.in](mailto:support-eproc@nic.in) अथवा Help Desk Number 0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787 या दुर्ध्वनेवर संपर्क साधावा.

जाहीरत क्रमांक - 1152  
का.क्र. स्था/नि/BRTS/कावि/650/2021  
दिनांक : 22/10/2021

सही/-  
(श्रीकांत सवणे)  
सह शहर अभियंता  
पिंपरी चिंचवड महानगरपालिका  
पिंपरी, पुणे - ४११०१८

My Previous name  
NituKumari Sudansingh  
has now been changed  
to Nitu Singh as per  
Affidavit dated

कोकणात बंगला फक्त १५  
लाखात. पुणे-चिपळूण  
हायवेलागत, चिपळूण  
जवळील गंगोत्री

मालमत्ताविषयक

वॉटरप्रूफिंग

डॉ. फिफिसट! विना तोडफोड.

गोवा पॅकेज दूर ४ दिवस ३  
रात्री, साईट सिईंग एसी बस/  
ब्रेकफास्ट/ डिनर/ एसी रुम  
टिवन येअरिंग/ डिलक्स



## **ANNEXURE 7: EC LETTER**



**File No. IA- J-11011/106/2016-IA-II (I)**  
Government of India  
Ministry of Environment, Forest & Climate Change  
Impact Assessment Division

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Indira Paryavaran Bhawan,  
Jal Wing, 3<sup>rd</sup> Floor, Aliganj,  
Jor Bagh Road, New Delhi-110 003

Dated: 26<sup>th</sup> August, 2021

To,

**Shri. Prakash Jathar,**  
COO, M/s Baramati Agro Limited (Unit-1),  
Shetphalgade village, Indapur taluka,  
Pune district, Maharashtra-413102.

**Sub: Expansion of sugarcane crushing capacity from 12000 TCD to 18000 TCD and molasses based distillery from 160 KLPD to Multi-feed (B heavy, Cane Juice, Grains) based 300 KLPD distillery unit at Shetphalgade, Tehsil- Indapur, District Pune, Maharashtra, by M/s Baramati Agro Limited (Unit-1)- Consideration of Environment Clearance reg.**

Sir,

This has reference to your online proposal No. IA/MH/IND2/197038/2016, dated 26<sup>th</sup> March, 2021 for environmental clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the proposed Project Expansion of of sugarcane crushing capacity from 12000 TCD to 18000 TCD and molasses based distillery from 160 KLPD to Multi-feed (B heavy, Cane Juice, Grains) based 300 KLPD distillery unit at Shetphalgade, Tehsil- Indapur, District Pune, Maharashtra by M/s Baramati Agro Limited (Unit-1).

3. The project/activities are covered under category A of item 5 (g) 'Distilleries' and 5 (j) Sugar Industry of the Schedule to the EIA, 2006 and requires appraisal at central level by the sectoral Expert Appraisal Committee (EAC). The proposal has been submitted under the Ministry's EIA Notification, 2006 amendments vide Notification no. S.O. 345(E) dated 17<sup>th</sup> January 2019 & extension of notification S.O. 750(E) dated 17<sup>th</sup> February 2020, S.O 980(E) dated 2<sup>nd</sup> March, 2021. Accordingly, the proposal is appraised as category 'B2' project at Central Level by Expert Appraisal Committee (EAC).

4. Ministry had issued EC earlier vide letter No. J-11011/106/2016-IA-II (I) dated 20<sup>th</sup> March 2017 to the existing project from MoEF & CC, New Delhi for expansion of sugar unit (4500 TCD to 12000 TCD), Cogeneration Power Plant (20

8/2



MW to 70 MW) and Distillery Unit (60 KLPD to 160 KLPD) at post Shetphalgade, Tehsil Indapur, District Pune, Maharashtra in favour of M/s. Baramati Agro Limited.

**5. The details of products and capacity are as under: -**

Sr. no.	Description	Unit	Existing Capacity		Proposed Capacity	Total	Remark
			As per CTO	As per EC			
1.	Sugarcane crushing capacity	TCD	9000*	12000	6000	18000	None
2.	Co-generation Power	MW	30*	70	0	70	None
3.	Distillery Unit						
a	Rectified Spirit or Extra Neutral Alcohol	KLPD	160*	160	0	160	Only one product at a time (No Change proposed)
b	Ethanol	KLPD	0	0	140	140	For Ethanol Blending Programme

**6.** Existing land area is 477600 m<sup>2</sup> & no additional land will be used for proposed expansion. Industry will develop greenbelt in an area of 35.59 % i.e., 170000 m<sup>2</sup> out of net plot area of the project. The estimated project cost is Rs 544.3013 Crores including existing investment of Rs. 419.3013 Crores. Total capital cost earmarked towards environmental pollution control measures is Rs. 1100.00 Lakhs and the Recurring cost (operation and maintenance) will be about Rs. 165.00 Lakhs per annum. Total Employment will be 450 persons as direct & 500 to 1000 persons as indirect after expansion. Industry proposes to allocate Rs. 0.9375 crores @ of 0.75 % towards Corporate Environment Responsibility.

**7.** There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, and Wildlife Corridors etc. within 10 km distance from the project site. Water body Nimbodi Lake is at a distance of 3 Km in North East Direction.

**8.** Ambient air quality monitoring was carried out at nine locations during October 2020 to December 2020 and the baseline data indicates the ranges of concentrations as: PM<sub>10</sub> 43.65 to 74.68 µg/m<sup>3</sup>, PM<sub>2.5</sub> (22.05 to 54.36 µg/m<sup>3</sup>), SO<sub>2</sub> (5.12 – 24.51 µg/m<sup>3</sup>), NO<sub>2</sub> (9.21 – 28.24 µg/m<sup>3</sup>) and CO (0.08 to 1.38 mg/m<sup>3</sup>). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.05 µg/m<sup>3</sup>, 0.04 µg/m<sup>3</sup>, 0.51 µg/m<sup>3</sup>, and 0.20 µg/m<sup>3</sup> with respect to PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>x</sub> and NO<sub>x</sub> respectively. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

*374L*



9. Total fresh water requirement for the integrated unit shall not exceed 907 MT/D, 713 MT/D, 1044 MT/D and 441 MT/D based on raw material used 'C' molasses + B heavy molasses, 'B' heavy molasses, sugar cane juice and grains respectively. It will be met from Khadakwasla Canal and Ujani Dam. Effluent of quantity 7347 MT/Day (Sugar factory trade effluent- 660 MT/Day, Cogeneration power plant effluent- 237 MT/Day, Excess Condensates 3600 MT/Day, existing 60 KLPD Spent wash 570 MT/Day, 240 KLPD Distillery concentrated spent wash 270 MT/Day, Distillery Condensates and non -process effluent - 1798 MT/Day and domestic effluent of 212 MT/Day). Sugar (660 MT/Day) and Co-generation power plant (237 MT/Day) effluent shall be treated in existing sugar factory ETP based on primary, secondary and tertiary treatment and disposed on land for irrigation. Excess condensates from sugar unit (3600 MT/Day) shall be treated in Sugar Condensates Polishing Unit (CPU) and reused as process water or makeup water for boiler and cooling towers. Existing 60 KLPD Distillery spentwash (570 MT/Day) shall be treated based on biomethanation followed by concentration to 120 MT/Day followed by bio-composting. The condensates 450 MT/Day shall be treated in distillery CPU and recycled back to process and utilities. The effluent generated from 240 KLPD distillery shall be treated based on Concentration and Incineration. The plant will be based on Zero Liquid discharge system.

10. Power requirement after expansion will be 23.25 MW including existing 15.21 MW and will be met from own Co- generation power from existing 30 MW & proposed 40 MW TG attached to Bagasse/multi-feed fire boiler. Existing unit has 1 No. of DG sets of 500 kVA capacity, additionally 1\*500 KVA DG set is used as standby during power failure. Stack (height 6m) will be provided as per CPCB norms to the proposed DG sets. Existing unit has 1\* 40 TPH, 1\*110 TPH bagasse fired boiler for sugar and cogeneration power plant and 1\*10 TPH and 1\*32 TPH Incinerator boiler for distillery unit. Additionally, 1\*110 TPH and 1\*50 TPH bagasse fired boilers will be installed. Electrostatic Precipitator (ESP) with a stack of height of 75 m will be installed for controlling the particulate emissions within the statutory limit for the proposed boilers.

**11. Details of Process emissions generation and its management:**  
**Air pollution control measures**

Sr. No	Boiler details	Fuel	Quantity	Source	Stack Height in Meters	APC Equipment
<b>Existing</b>						
<b>Sugar Unit</b>						
1	1*110 TPH	Bagasse	1080 MT/Day	Own sugar unit	65	ESP
2	1*40 TPH	Bagasse	418 MT/Day	Own sugar unit	49	ESP
3	DG Set	HSD	110 Ltr/hr	Open Market	6	Acoustic Enclosure
<b>Distillery unit</b>						

8m2



1	1*10 TPH	Biogas + Bagasse	Biogas: 32000 m3/Day Bagasse: 48 MT/Day	Anaerobic digester from distillery Own sugar unit	40	Wet Scrubber
2	1* 32 TPH Incinerator boiler	Concentrated Spent wash + Coal	CSW: 270 MT/Day Coal: 85 MT/Day	Distillery Spent wash Open market	70	ESP
3	DG Set (500 KVA)	HSD	110 Ltr/Hr	Open Market	6	Acoustic Enclosures
<b>Proposed</b>						
<b>Sugar Unit</b>						
1	1*110 TPH	Bagasse	1080 MT/Day	Own sugar unit	75	ESP
2	1*50 TPH	Bagasse	520 MT/Day	Own sugar unit		
<b>Distillery Unit</b>						
No additional boiler shall be installed for the proposed expansion.						

### Details of Solid waste/Hazardous waste generation and its management:

#### Details of non-hazardous waste generated and its disposal

Details of non-hazardous waste generated and its disposal						
Sr. No.	Description of waste	Quantity			UOM	Mode of collection and disposal
		Existing	Proposed	Total		
Sugar and cogeneration unit						
1	Fly/ Boiler ash	18.73	20	38.73	MT/D	Sell to brick manufacturers
2	ETP Sludge	150	150	300	MT/A	After drying, it will be sold for brick kiln
3	Press mud	360	360	720	MT/D	Mixed with concentrated spent wash as filler material and treated in composting
Distillery unit						
1	Incineration boiler ash	26	28	54	MT/D	Sold as potash rich manure to farmers after mixing with press mud



2	Fly/ Boiler ash	0.6	--	0.6	MT/D	Sell to brick manufacturers
3	Yeast Sludge					
a	C Molasses	15	0	15	MT/D	After drying, it will be sold for brick kiln
b	B Heavy Molasses	13	11	24		
c	Cane Juice	0	5	5		
d	Grains	0	10	10		
	Other solid waste					
1	Canteen waste	1.5	1.0	2.5	MT/D	Composting

**12. Details of Solid waste/Hazardous waste generation and its management:**

Sr. No.	Category	Description of waste	Quantity	Mode of Collection and Disposal
1.	5.1	Used Oil	2.0 KL/A	Shall be collected in Leak Proof Containers and utilized as lubricant for bullock carts

**13.** Certified EC compliance report obtained from Regional Officer, MoEF& CC, Nagpur vide File No. EC-5-87/2008/7404 Dated 02.11.2020. Site visit of RO was carried out on 05.10.2020. Partial compliance issued against Specific & general conditions. Industry complied the partial compliance & submitted action plan report to RO, MoEF&CC on 28.11.2020.

**14.** As per OM dated 16<sup>th</sup> June, 2021, PP has submitted self-certification in the form of affidavit declaring that the proposed expansion of 140 KLPD will be for manufacturing of fuel ethanol only.

**15.** The proposal was considered by the EAC in its 38<sup>th</sup> meeting held during 28<sup>th</sup> -29<sup>th</sup> July, 2021 in the Ministry, wherein the project proponent and their consultant M/s SD Engineering Services Pvt. Ltd presented the EMP report as per the PFR. The Committee found the EMP report complying with the PFR and recommended the project for grant of environmental clearance.

**16.** The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

80-✓



**17.** The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of environmental clearance.

**18.** The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

**19.** Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance for proposed expansion of Sugarcane crushing capacity from 12000 TCD to 18000 TCD and molasses based distillery from 160 KLPD to multifeed (B-heavy, cane juice, grains) based 300 KLPD distillery unit located at village Shetphalgade, Taluka- Indapur, District-Pune, Maharashtra by M/s. Baramati Agro Limited, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under: -

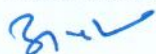
**A. Specific Conditions:**

(i) As per OM dated 16<sup>th</sup> June, 2021, project falls in category B2 and the proposed additional capacity of 140 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.

(ii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.

(iii) The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.

(iv) Total fresh water requirement for the integrated unit shall not exceed 907 MT/D, 713 MT/D, 1044 MT/D and 441 MT/D based on raw material used 'C' molasses + B heavy molasses, 'B' heavy molasses, sugar cane juice and grains respectively. It shall be met from Khadakwasla Canal and Ujani Dam. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises.





Ground water monitoring shall be done regularly and report is to be submitted to concerned authorities regularly. Rainwater storage ponds shall be constructed and utilized within plant activities as committed.

(v) The spent wash/other concentrates shall be treated by concentration followed by incineration.

(vi) CO<sub>2</sub> generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.

(vii) Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.

(viii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.

(ix) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.

(x) Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

(xi) The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(xii) The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.

(xiii) As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall be completed within time as proposed.

(xiv) There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places. Out of the total project area, 20% shall be allotted solely for parking purposes.

37-✓



(xv) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

(xvi) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

(xvii) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

#### **B. General Conditions:**

(i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

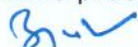
(ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

(iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

(iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

(vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.





(vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(viii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.

(ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at <https://parivesh.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

(xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

**20.** The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

**21.** Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

**22.** Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**23.** The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

*Bm*



24. This issues with the approval of the competent authority.

*26/08/2021*  
**(Ashok Kumar Pateshwary)**  
**Director**

**Copy to: -**

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. Deputy Director General of Forests (C), Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai – 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Pune District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File

*26/08/2021*  
**(Ashok Kumar Pateshwary)**  
**Director**  
**E-mail: ak.pateshwary@gov.in**  
**Tel. No. 24695290**



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AGRO LTD**

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BAL CSR Policy 2021	
NBC Policy 2021	

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